



Melrose Public Library
Melrose, Massachusetts



CITY OF MELROSE
MASSACHUSETTS

Annual Reports
1920

WITH
Mayor's Inaugural Address

Delivered January 3, 1920



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UNDER THE DIRECTION OF THE CITY CLERK
AND SPECIAL COMMITTEE

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CHARLES H. ADAMS

MAYOR



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Inaugural Address

HON. CHARLES H. ADAMS

Mayor of Melrose

DELIVERED JANUARY 3, 1920

Mr. Chairman, President and Members of the Board, and Citizens:

Following the World War it is indeed good fortune that our City finds itself so comfortable, with a degree of prosperity, high reputation, and good things never before found here, and in very few places in the world.

The general condition of our community, the general prosperity of the people, the vast number of contributions to happiness and comfort, make our City most unique.

Since we met here last year our boys have returned from the War.

During the past five years, in spite of war, we have moved steadily forward. We are among the few cities that have not increased its municipal indebtedness.

In five years our debt has been slightly reduced. We owe \$30,000 less than we did five years ago. But to accomplish this we have not allowed the City to run down. We have not ceased to grow, or to do things necessary for the progress of the community. In five years we have expended for permanent improvements more than a quarter of a million dollars. We have extended our system of sewers at a cost of \$45,000, the water system has been extended to meet the growth of the City to the extent of \$63,000; our underground drainage system \$62,000 and to extend our system of granolithic sidewalks and edgestones \$97,000, for a total of \$267,000. These are permanent improvements, wholly outside the current expenses of the City. And yet we find ourselves owing \$30,000 less than five years ago.

I have not included in this statement the new streets built or rebuilt, because streets wear out so rapidly with automobile traffic that such new streets hardly more than make up for the wear of others, but we may remind ourselves that we have also built or rebuilt these streets wholly outside our repair work.

We have built these new streets under the betterment act:

Extension of First Street, Garfield Road, Lynde Avenue, Warwick Road, Hopkins Street, Stevens Road, Natalie Avenue, Argyle Street, Lincoln Street and Folsom Avenue, and we have rebuilt a dozen other streets under special appropriations at a cost of \$53,000.

The net City debt is \$593,000 and we have City property to show for it amounting to \$2,300,000, or nearly five dollars in property for one of debt.

We have met many unusual items of expense, which are of interest to the City.

We were obliged to spend \$12,000 for changes in our school buildings to make them safe against fire, and put new plumbing in the Mary A. Livermore School at a cost of \$2,500. The Fire Department has been equipped with a great motor pumping engine and a motor ladder truck at an expense of \$20,000; the Police Department has a new motor ambulance which cost \$3,200.

We have established and maintained four branches of the Public Library. We have increased the pay of school teachers 26%, amounting last year to \$20,000. We have increased the pay of laborers from \$2.50 to \$4 per day; the firemen and police, and nearly all others who work for the City, have had needed increased compensation.

We equipped our State Guard Company at a cost of \$4,500, said to be the best company in the State, as well as the best equipped. During its service in Boston the City spent about \$1,800 for its maintenance, giving them a support which was commended by State officials and the public, as a great contribution to the support of law and order.

We paid city employees who enlisted in the War the difference in their pay while in the Service, amounting to \$5,000.

We held various receptions for the men returning from the War, expending about \$3,500.

We expended \$15,000 in State Aid for families of Melrose men in the Service, and we have erected the portable school house at the Washington School, costing \$4,500, and have built the playground at the Lincoln School at a cost of \$2,500.

While the City improves all the time, we have not increased our debts, nor shirked any duty, nor passed along our burdens to the future.

Splendid citizens have been good to us. In five years we have received many gifts for the public welfare.

This past year, this Great Memorial Organ, which is destined to make Melrose famous as a center of music and patriotism, the gift of

Mr. John C. F. Slayton; another gift from him of \$10,000 as a fund to insure its upkeep and development.

Three years ago Mr. Charles M. Cox gave us two great playgrounds, to furnish for all time ample spaces for play and recreation.

Mr. Slayton and Mr. Maguire gave some thousands of dollars to develop Spot Pond Brook and to dispose of the unsightly ice houses on our Main Street at Ell Pond.

A great gift in aid of the poor by Mrs. A. C. Marie Currier brings in \$1,500 a year, used for clothing and dinners for the children and administered by the Charity Board.

Hon. Levi S. Gould gave \$1,000 to the schools, and Norman F. Hesseltine, in memory of his mother gave the schools \$100.

Two wonderful pianos in this building and two great paintings in G. A. R. Hall were also the gifts of Mr. Slayton, and the generous aid of clubs and citizens is giving to the City a great, generous, beautiful heart and life. These flags were a gift, the clock in the G. A. R. Hall was a gift. George Munroe gave some fine engravings to our Library.

This Memorial Building has become a great center of patriotism and music. It is the place best suited for public leadership, public education, the home of our social and civic life. It is one of our greatest assets and a great opportunity.

The committee in charge of this building has a great responsibility. All that is gathered here must be kept in constant use.

We shall need a municipal organist. Like a library or public park, it will cost something to make it serve its best purposes.

It will be a great factor in education. With this organ and our great musical organizations, no child should go through our public schools without acquiring a love of fine music, without knowing the works of great composers, without being acquainted with the great oratorios and operas, and the fine things in sacred and secular music. This building is a great institution, and here will be gathered all the souvenirs and memorials of the wars, and the Grand Army and the Legion will have homes here.

The Memorial Organ is one of the first great memorials of the men who served in the World War to be established in the Country.

Other Memorials will follow, whenever our people decide upon what shall best express their affection.

But the immediate work should be to preserve the names of those who served from this City. There seems to be no better way than by Bronze Tablets.

It was 40 years after the Civil War before the tablets containing the soldiers' names were put up here.

It is 20 years now since the War with Spain and no memorial or tablets of any kind are here in honor of the 43 men who went from here, and it is 144 years since the Battle of Lexington on April 19, 1775, and we have yet no permanent memorial or the names in bronze or marble of the 18 men who went from old North Malden and served in the War for Independence.

Tablets are not to be deemed a sufficient "memorial." Tablets are a way of preserving permanently the simple list of names. If there is anything better than bronze, or any better place than here, we ought quickly to find it and not let the years go by and the names be neglected or forgotten.

We shall need a special memorial of those who died in the War.

We ought to provide suitable headquarters for the Melrose Post of the American Legion, just as we have quarters for those splendid heroes of the Civil War.

Public Library

The increasing circulation of books at the Library and Branches calls for better facilities, and especially at the Highlands. We ought to build a branch library building on Franklin Street on the site of the old Franklin School, on the west side of the track. We have the land. It is finely located. With the library should be also a suitable room or hall for a voting place, and for meetings of the citizens of the Ward. It would be of constant use and convenience, and an ornament to that section of the City.

The branch at the South East will naturally go into the new school house to be erected within a few years, for that growing and constantly improving section.

Police

The Police Department has added four men the past year. The force is composed of men of character and fine conduct, substantial citizens with homes and families. The department has everything needed except headquarters.

We need a new, separate, modern building, with ample inside space and a yard for ambulance, patrol wagon, and automobile—a building with suitable office, guard room, cell room and separate quarters for women, and for the safe care of any insane person, for whom this City has now no place. We have no place for the detention of children.

The State authorities have often criticised our police quarters and they urge us to bring the police headquarters up to the Melrose standard as a City.

Fire Department

The Fire Department, save for the East Side House, has been motorized.

With one more combination motor we shall be rid of horses, and the department will have ample equipment for a generation.

We are just closing out the old fire engine which we bought thirty years ago.

The question of the two-platoon system for the men was rejected by the voters, because we could not afford the expense.

I think that we should arrange in some way the hours of firemen, so that they may have more nearly a normal home life. Now, a fireman, save for meal hours, is on duty four days and nights in succession, or 96 hours. They have one day and night at home. Save in the Army, I know of no service that so nearly destroys the home life. I shall ask the fire department, including the men, to study and present to the City Government a plan, which shall be a step in advance of the present conditions, without any great increase in the force.

The present system completely eliminates the fireman from the church, the lodge, evening entertainments, and also from the home, except for meals, save one day in five.

We shall some day look back on the present system as belonging to another age.

Health

The Melrose Department of Health ranks high among public health boards.

We have never expended much money on public health matters, but have depended to a great degree upon cooperation. It costs one cent per person per week for the public health department.

We have the generous cooperation of the Melrose Hospital. We have an excellent arrangement with the City of Malden by which we use their fine contagious hospital for our contagious cases, and we use the State Hospitals for Tuberculosis cases, and we seek to furnish good care, supervision and aid in the home. Tuberculosis goes side by side with the thin pay envelope, the lack of nourishing food, and the high prohibitive prices for the necessities of life. We have our public health nurse doing double work—the schools and the department.

We have a local anti-tuberculosis society that deserves public support.

I would like to have a public health campaign put on this year. It is a factor in teaching people how to keep well. We have about 50 cases of Tuberculosis all the time, some here and others in hospitals.

Knowing how to keep well is a great medicine. Dr. Holden in his report upon the epidemic of Influenza, which caused 69 deaths, says: "The conditions under which some people were living, even in this City, was a very sad revelation."

We must enforce every regulation for good housing; extend our system of sewers to abolish every cess pool, have dry sidewalks for the children, teach right ways of living in the schools, use our playgrounds, keep our streets oiled and free from dust, have ample inspection of school children, and give to our department of health a strong support.

Charity

We have an excellent Charity Department that works in co-operation with private organizations.

Adequate aid, good food, decent housing and warm clothing are the needs. Aided families are restored to self respecting citizens only as they are properly aided and nourished. Immediate aid, investigation, home care, hospital care, the physician, with aid rendered in good spirit, is the spirit and policy of the City as expressed by our Board of Charity.

We have many fine organizations of men and women, ready to aid at all times. The Currier Fund is a great blessing to many children.

We need now as a City a Day Nursery, like a child's school, where mothers who work may find care and good training for their little folks. It could be conducted as a kindergarten, and many small children taught to play and study, and fine habits and cleanliness.

I had thought that some citizen would give this Day Nursery to us just as Mr. Converse gave one to Malden.

Whoever has seen our annual distribution of Christmas and Thanksgiving Dinners and presents has seen something of the spirits of this department of the City.

Parks

Every year sees some development in our parks and playgrounds. It is 20 years since we bought the land on the north side of Ell Pond. Last year we bought the last vacant land on the Tremont Street side. Not much was done during the War but Mr. Slayton and Mr. Maguire helped us to buy and take down the ice houses that had so long disfigured the pond.

A new bath house is needed. The little old one was used 14,000 times last summer. In building a new one it should be of cement, suitable for use in winter in connection with the ice sports, and the City should also control and manage the boating, and have safe boats, with some supervision over the conduct and the safety of those who use the pond.

The playground at the Lincoln School has been graded at a cost of \$2,500.

With Pine Banks and the Common we have ample properties for as fine a system of public grounds as any City around Boston. We should have a public recreation board to take charge of recreation and sports, both winter and summer.

We need especially to promote the outdoor sports. We must furnish coaches and develop leaders in games and sports to keep our boys rugged and self reliant and fit.

Public Works Department

Outside the Public Schools our largest department is that of Public Works, combining street building and repairs, engineering, lighting, sewers, drainage, the water system, including its management as well as repairs and construction, street cleaning and sprinkling, building sidewalks, care of brooks, buying supplies, care and management of stable and yard, care of the City Hall Building and the Memorial Building, employing and supervising men, accounts and payrolls, and a great miscellaneous business.

It take a great deal of ability, character and conscience to conduct this department. If done by private business it would require managers, directors, treasurers, and a whole layout of highly paid officials.

We are fortunate in our organization in having men who stay with the City year after year and know the system thoroughly.

So large a business demands good facilities, a good city stable, storage yard, and storehouse for machines, machinery and supplies, and these we have not yet acquired.

We have faithful men all through the City Departments. Contractors and corporations pay slightly higher wages, but the City seeks to give fair wages, liability insurance, to take note of their good citizenship, never to meddle with their political affairs, and as far as possible supply steady work through the working season.

Much is written and preached about the relation of employers and men who work. The City should set the example of good wages, reasonable working conditions, and that interest which the employer should take in his own family group, whether they be few or thousands.

Fifty thousand dollars has been appropriated to build Upper Main Street from Porter Street north. We had expected that the Street Railway Company would pay for that part of the street which they occupy. This \$50,000 will cover one-half the distance to the Wakefield line.

The street will be similar to that built five years ago in the center, will be done by contract, being a type requiring a special equipment.

We should have a very liberal policy in the building of sidewalks. Where the property owners are willing to pay one-half of the cost, there should be no hesitation on the part of the City in paying the other half and building the walk. It is the one section of the public street used by men, women and children alike, it promotes health, and is one of the most attractive features of the City. Property without sidewalks is hardly worth half price.

In 1878 Melrose was one of the first, if not the first town to lay concrete sidewalks under a new law which permitted the town to assess one-half the cost upon the abutters. E. H. Goss, the Melrose Historian, comments upon this, and how it attracted people to Melrose to live, and writing 20 years ago he said: "One thing is yet needed, an enforced ordinance making it obligatory upon every freeholder to clean off the sidewalk after snowstorms." On that part we have been able to make no progress in all this time.

Schools

The department to which people are most devoted is the Public School.

Five years ago the cost was \$100,000 and last year it went to \$160,000. We thought that we had reached the peak. The rising cost of living makes the question of the pay of school teachers, and of everyone employed by the City, a financial problem of first importance. We need also additional school buildings, and to repair and equip our present buildings.

To put our present school buildings in repair the committee ask for \$15,000 and for a manual training equipment, including a printing plant \$2,500, and they need for their physical, chemical and biological laboratories \$5,000 more. This last item may be spread over two years.

And then the pay of the teachers: they ask for \$400 each, a flat advance, the amount reached by them after much study and endorsed by the Committee. That would require \$42,000 more, so that we have before us a requested appropriation in advance of last year of from \$60,000 to \$65,000.

In 1917 we advanced most teachers \$50 and the same amount again in 1918. Last year the advance was \$100, amounting in the Budget to \$20,000. But again the cost of the necessities of life had taken it all before it was even paid to the teachers.

We can now see a very high tax rate for many years as a part of the cost of war. Whatever advance we may be able to make in the

pay of teachers, or indeed in the pay in all the other branches of the City, has really nothing to do with the schools or the cost of government. It has only to do with the cost of living, with the high prices of all the things necessary to life.

We call it the cost of living, the French say the cost of life. We may call it the cost of the War. We are still paying the cost of the Civil War of 55 years ago. It will take a much longer period of thrift, economy, work, production and labor in essential fields of energy, to pay the losses that the World has met to preserve our form of government.

School Houses

We must also provide suitable school accommodations. There is overcrowding at the Livermore, Warren, Whittier and Washington Schools.

The Committee recommends three more of those small portable houses as temporary makeshifts. Should we not have the courage to face our needs as they come along and put up in the right localities, fine, large, well appointed buildings, that will ornament the community, command respect, have an influence in improving and building up those sections in which school houses may be placed. A school house is more than rooms for children and teachers.

The Church, the School, and the Public Buildings set the standard, and add value to every property.

If the City drops down to the small one-story portable school house, then how can we prohibit the building of shacks for our people to live in.

I think that we ought to take up with the whole people the question of school accommodations. We need a school in the Southeast section for the influence there upon the life of the people. We ought to abolish the public barge for the transportation of school children from that section to the central buildings.

We need a large eight-room school house on Upham Hill to fit in with the splendid development of that section, and we shall doubtless need a Junior High School Building within a few years in the Center.

Street Lighting

The White Way Lights on Main Street cost about \$2,500 a year, giving a tone and brilliancy to our Main Street which is a great advertisement for the City and a pleasure for all who use this busy place.

We ought to extend these lights to the entire business section, Essex Street, Foster Street, Emerson Street, Grove Street and Wyom-

ing Avenue and Franklin Street at the Highlands. We cannot enlarge our business section without lights.

New England cities are far behind in ornamental lighting. In 1886 Melrose was one of the very first places to take on electric lighting, much to the good reputation of the town.

We should go over the entire system and respace the lights, rearrange the circuits, and undoubtedly reduce the number and with streets better illuminated. The ten years' contract with the Malden Electric Company expires next year.

At the present time it costs the City 2 cents per week per person for the whole street lighting system.

With a well lighted business center and excellent stores we should trade at home. Three million dollars to \$4,000,000 in trade goes to Boston. Very much more could be done here to the improvement of the City, help our own people, and to avoid the expense and the humiliation incident to the unhealthy overcrowding of street cars.

Tax Rate

Taxes are to be high because everything used by our large family costs twice what it did.

But the City does many things at small cost. It costs 3 cents a day for a water supply in your homes.

It costs one cent per person per week for the collection of ashes and rubbish, and one-half cent per person per week for the removal of garbage from your homes.

Two cents per person per week pays for the whole system of sewers that takes the sewage from the homes and empties it out into the ocean.

Taxation is an intricate system in this State. The State collects the Income Taxes, and repays them to the city, and our income taxes in some mysterious way shrunk \$12,000 this last year, and real estate taxes had to make up the loss.

Land is assessed very low in Melrose. In 18 years the value of all the land in the City has increased only one per cent.

In that time we have built 700 houses, and spent a million dollars in streets and other improvements, but it has not been added to the land. When we need to increase the value of the land we can do it justly. All taxes will be higher until the waste and cost of War is paid.

The policemen's strike in Boston cost the State \$3,000,000 and our share is \$15,000.

Every time they put a million in the State Tax it costs us \$5,000.

But we want our State and our City to move on with the World. There is real patriotism and sacrifice in paying taxes. We who have the comforts for which others gave so much, will not much complain.

We must keep Melrose at her present high reputation and place. It must not run down in our day.

If we can put aside our personal interests and think only of the City we shall accomplish many of these things.

GOVERNMENT

of the City of Melrose, 1920

Mayor

CHARLES H. ADAMS

President of the Board of Aldermen

ANGIER L. GOODWIN

Clerk

W. DeHAVEN JONES

Aldermen-at-Large

	Ward
Angier L. Goodwin, 33 Reading Hill Avenue	2
Leslie F. Keene, 146 Wyoming Avenue West.....	5
Arthur L. Marr, 236 Foster Street, East.....	6
Albert M. Tibbetts, 109 Meridian Street	7
William A. Carrie, 22 York Terrace.....	1
Llewellyn H. McLain, 76 Wyoming Avenue East.....	5
Fred W. Sellers, 226 Main Street	5

Ward Aldermen

Ralph G. Harmon, 19 Belmont Place.....	1
Henry L. Restall, 19 Ferdinand Street	1
Carl A. Raymond, 48 Batchelder Street.....	2
H. Ray Wilson, 818 Main Street	2
Frederick W. Patten, 54 Cottage Street	3
Benning L. Wentworth, 46 Cleveland Street	3
George H. Jackman, 660 Main Street.....	4
Carl E. Shumway, 25 Bellevue Avenue	4
Charles B. Camerlin, 88 Florence Street	5
James Otis Davenport, 45 Florence Street	5
Walter F. Chapman, 321 Foster Street East	6
Walter A. T. Norris, 136 Foster Street East.....	6
Edgar W. Mansfield, 283 Grove Street	7
Nelson J. Sanford, 379 Swain's Pond Avenue	7

**MELROSE BOARD OF ALDERMEN
STANDING COMMITTEE FOR 1920**

Appropriations

Chairman Tibbetts, Marr, Keene, Carrie, Harmon, McLain, Raymond,
Sellers, Sanford

Education, Health and Charity

Chairman McLain, Patten, Tibbetts, Sanford, Restall, Chapman,
Davenport

Finance

Chairman Raymond, Carrie, Marr, Tibbetts, Norris, Davenport, Restall

Highways

Chairman Carrie, Keene, Patten, Marr, Wilson, Sanford, Shumway

Protection and Licenses

Chairman Harmon, Sellers, Wilson, Mansfield, Jackman, Camerlin,
Wentworth

Public Service

Chairman Keene, Sellers, Mansfield, Harmon, Norris, Jackman, Chapman

Legal and Legislative Matters

Chairman President Goodwin, Patten, Raymond, McLain, Wentworth,
Shumway, Camerlin

Clerk of Committees

VICTOR C. KIRMES

City Officers

City Clerk

W. DeHAVEN JONES

Assistant City Clerk and Clerk of Committees

Victor C. Kirmes

City Treasurer

William R. Lavender

City Collector

James W. Murray

City Auditor

William T. Wolley

Engineer and Superintendent of Public Works

George O. W. Servis

Mayor's Clerk

Blanche E. Nickerson

City Solicitor

Arthur S. Davis

Chief of Fire Department

Joseph Edwards

Chief of Police

George E. Kerr

Inspector of Buildings

William S. Allen

CITY OF MELROSE
Inspector of Plumbing
 Andrew J. Burnett

Inspector of Food
 David O. Parker

Inspectors of Slaughtering
 David O. Parker Calvert H. Playdon

Inspector of Milk and Vinegar
 H. E. Berger, Jr.

Collector of Milk Samples
 Thomas F. Harris

Inspector of Animals
 Calvert H. Playdon

Sealer of Weights and Measures
 Frederick G. Storey

Superintendent Brown Tail and Gypsy Moth
 John J. McCullough

Agent State Military Aid and Soldiers' Relief
 Mary A. Kenah

Burial Agent
 Mary A. Kenah

Assessors
 Frank R. Upham, term expires 1922
 Joshua Nowell, term expires 1923
 Charles C. Swett, term expires 1921

Assistant Assessors
 Alden B. Smith Charles M. Field Charles Roeder

CITY OFFICERS

19

Inspector of Wires

Fred A. Edwards

Board of Health

Clarence P. Holden, M. D., Chairman

William A. Tomer

Ralph R. Stratton

Lillian H. Wiley, Clerk

City Physician

Clarence P. Holden, M. D.

School Physicians

Elizabeth Hirst, Edward L. Marr, Albert E. Small

Public Health Nurse

Mrs. Myrtle S. Meriam

Overseers of the Poor

Adeline G. Reed, Chairman

Thomas F. Troy

Bertram E. Lovejoy

Pratt Farm

Closed November 1, 1918

Park Commission

Addison L. Winship, Chairman	Term expires	1924
Andrew F. Evers	" "	1925
Robert A. Perkins	" "	1923
Harry N. Vaughn	" "	1922
George J. Foster	" "	1921

CITY OF MELROSE

School Committee

Lowell F. Wentworth, Chairman	Term expires	1920
F. Janet Habberley	" "	1921
Isabelle Stantial	" "	1921
Paul H. Provandie	" "	1921
William B. Alexander	" "	1922
William T. Atwood	" "	1922
Harry A. George	" "	1920
Harry F. Sears	" "	1922
William Coggeshall	" "	1920

Sinking Fund Commissioners

Edward J. Kitching, Chairman	Term expires	1922
Franklin P. Shumway	" "	1923
Everett L. Fuller	" "	1921

Trustees of Public Library

Rev. Paul Sterling, Chairman	Term expires	1921
Clara G. Muldoon	" "	1922
Neil Divver	" "	1922
Frank W. Campbell	" "	1923
Mary C. Barton	" "	1923
Charles E. French	" "	1921

Cemetery Committee

Willis C. Goss, Chairman

J. Thomas Foster

J. Henry Kunhardt

Victor C. Kiemes, Clerk

Roscoe A. Leavitt, Supt. Wyoming Cemetery

Richard J. T. Roome, Inspector of Graves Soldiers and Sailors

Registrars of Voters

Edwin L. Cragin, Chairman	Term expires	1922
John J. Keating	" "	1923
Edwin J. Tirrell	" "	1921

W. DeHaven Jones, City Clerk, Ex-Officio

Engineers of Fire Department

Joseph Edwards, Chief

Charles F. Woodward, Deputy Chief

Measurers of Wood and Bark, Weighers of Hay and Grain

Fred H. Goss

Charles B. Goss

Geo. L. Hall

Patrick V. Kerwin

Flora M. Harris

James G. Stiles

Grace F. Gilbert

George M. Hall

Public Weighers of Merchandise

J. Osborne Leisk

Charles F. Woodward

Glenna B. Townner

Nathaniel J. Glover

Patrick G. DeCourcy

Mrs. M. A. McDonough

Leroy H. Gray

Herbert M. Wade

Isaac L. Slocomb

Albert J. Waghorn

Josiah Ginns

Edward P. McLaughlin

David Levy

Robert A. Dickson

James McTiernan

Jas. H. Jeffery

John Mulligan

John F. Rand

Wm. W. Ford

Geo. E. Findlay

Elmer D. Swain

Field Driver

M. James Hanley

Pound Keeper

M. James Hanley

Fence Viewers

Daniel J. Lucey

Charles H. Everson

Constables

Daniel K. Collamore

M. James Hanley

Louis B. Heaton

George E. Kerr

Charles Roeder

George E. Burke

CITY OF MELROSE

Dog Officer

M. James Hanley

Keeper of the Lock-up

George E. Kerr

Police Officers

George E. Kerr, Chief	Louis B. Heaton, Captain
Redford M. Rand	Allston H. Pineo
George E. Fuller	Frank N. Pierce
Wallace B. Eaton	Michael Reardon
Garfield Carpenter	Albert A. McBeth
Daniel J. Foley	William A. Riley
Frederick M. Kirmes	William T. Fahy, Inspector
Michael J. Brennan	Joseph V. Curran
Patrick H. O'Leary	Harold S. Wolley

Reserve Officers

Robert A. Lloyd	Harvey D. Forbes
John W. Holden	Edwin E. Spraker

Special Officers

M. James Hanley	Burgess W. Grover
Edgar Sherburne	Joseph A. Lavin

Special Officers to Serve Without Pay

Edward P. McLaughlin	George H. Cray
Arthur S. Moreland	O. S. Davenport
Roscoe A. Leavitt	Harry H. Thompson
F. C. Newman	Charles J. Wing
Archie B. McIlwraith	George W. Higgins
Charles W. Burnham	Harvey McGilley
William H. Fisk	

Planning Board

John Dike	Term expires	1923
Chester S. Patten	" "	1921
Agnes L. Dodge	" "	1923
S. Pearl Brock	" "	1923
Frank H. Noyes	" "	1922
E. Gertrude Copeland	" "	1922
Richard H. Sircorn	" "	1921
Albe S. Noyes	" "	1922
Louisa S. Hunt	" "	1921

Advisory Committee on Memorial Building

Howard F. Sands 1922	Frances D. Mont 1921
Harold Marshall 1923	Adelaide G. Vittie 1921
Rufus D. Kilgore 1921	Edward E. Babb 1922
Ernest S. Jack 1922	H. T. Gerrish 1922
Gardner B. Wardwell 1923	Wallace R. Lovett 1923
Gertrude D. Cox 1921	

Board of Survey

E. Copeland Lang	Term expires	1923
William N. Folsom	" "	1922
William E. Waterhouse	" "	1921

ANNUAL REPORT
OF THE
SCHOOL DEPARTMENT

CITY OF MELROSE

1920

School Committee for 1920

Name	Residence	Term Expires
William Coggeshall	158 E. Foster Street	1921
Harry A. George	69 Laurel Street	1921
Dr. Lowell F. Wentworth	19 Bartlett Street	1921
Mrs. F. Janet Habberley	17 Bellevue Avenue	1922
Dr. Paul H. Provandie	88 W. Emerson Street	1922
Mrs. Isabelle Stantial	146 Florence Street	1922
Harry F. Sears	44 Orris Street	1923
William B. Alexander	148 E. Foster Street	1923
William T. Atwood	70 E. Emerson Street	1923

Dr. Lowell F. Wentworth, Chairman Mrs. Isabelle Stantial, Secretary

Meetings of the Committee

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the second and fourth Mondays of every month, except during July and August, at 7.30 p. m.

Superintendent of Schools

John Anthony 26 Hillside Avenue
Office: High School Building—Tel. Melrose 55

Secretary

Ruth C. Wells
Tel. Melrose 1574-W
5 Carney Terrace

STANDING COMMITTEES

Finance and Supplies

Mr. Coggeshall Dr. Provandie Mr. Sears Mr. Alexander

Schoolhouses and Janitors

Mr. George Mr. Coggeshall Dr. Provandie Mr. Atwood

Teachers and Salaries

Mr. Sears Mrs. Stantial Mrs. Habberley Mr. Atwood

Text Books and Courses of Study

Mrs. Stantial Mrs. Habberlev Mr. George Mr. Alexander

The Chairman of the School Committee is a member, ex-officio, of all standing committees.

SPECIAL COMMITTEES

Legislative

Dr. Wentworth

Mr. Sears

Mr. George

VISITING COMMITTEES

High School.....	School Committee
Franklin and Whittier Schools.....	Dr. Provandie
D. W. Gooch School.....	Mrs. Stantial
Mary A. Livermore School.....	Mrs. Habberley
Washington School.....	Mr. George
Lincoln School.....	Mr. Coggeshall
Warren School.....	Mr. Sears
Sewall and Ripley Schools.....	Mr. Alexander
Winthrop School.....	Mr. Atwood

SCHOOL CALENDAR FOR 1921

WINTER TERM 1921

Opens January 4, and closes February 25

SPRING TERM 1921

First Half:— Opens March 7 and closes April 29

Second Half: Opens May 9 and closes June 21

FALL TERM 1921

Opens September 7 and closes December 22

HOLIDAYS DURING TERM TIME

Every Saturday, New Year's Day, Washington's Birthday. Patriots' Day, Memorial Day, Columbus Day and Thanksgiving Day with the half day preceding and the day following it.

"NO SCHOOL" SIGNAL

Notice of "no school" will be given by striking the number 22 four times upon the fire alarm, and by sounding the whistle at Factory No. 2 of the Boston Rubber Shoe Company.

The signal will be sounded at 7.15 a. m. for no session in the High School, and at 8.15 for no morning session in all grades below the High School. In case there is to be no afternoon session, the signal will be sounded at 12.45.

Report of Superintendent of Schools

To the School Committee of Melrose,

Ladies and Gentlemen:—

I herewith submit my annual report as Superintendent of the Public Schools of the City of Melrose. This is the thirty-first in the series and the twelfth by the present Superintendent.

The problems of last year are still acute, and these, with a brief discussion of the present educational crisis, will constitute the body of this report.

The Shortage of Teachers, competently trained and with sufficient experience to satisfy our demands, is as serious as last year. To secure effective teachers at the salaries we now pay is becoming constantly more difficult. It is true that the attendance at the normal schools of the State is somewhat improved, but is still several hundred below that of 1916, and is far from the number needed to supply the demand. Moreover, it will be several years before these prospective teachers are prepared to assume positions in city schools. Last year there were more teachers imported into Massachusetts from other states than were graduated from our normal schools while more than half as many left Massachusetts to teach in other states. It is evident that the problem of teachers' salaries has become, not so much a matter of relieving the down-trodden teacher, as one of supply and demand. But the real and deeper question at issue is the problem of those who suffer the most from the present situation,—and the real sufferers are the children of Melrose. In other words, our attention should be concentrated, not so much on the needs and rights of the teachers, as on the needs and rights of our children. If we hesitate to secure and to retain competent teachers because of the cost, then we must face the hard fact that we are sacrificing the welfare of our children, and the future welfare of our country, to the immediate exigency of the tax rate, and we must be ready to shoulder the responsibility.

I believe that any reasonable amount requested by the School Committee to satisfy the present requirements of our teachers, will be forthcoming; that some assurance for the future should be given our teachers, on the basis of efficiency, length of service, and professional preparation and study; and that the citizens will uphold the School Committee in making such provision. I am equally convinced that unless this is done, the immediate consequences to Melrose schools will be serious.

Overcrowded Schools. The question of the congestion in several buildings was recognized by the School Committee by the appointment

on January 26, 1920, of a special Survey Committee, to consider the situation and to make recommendations for its relief. This Committee spent much time in visiting our own schools and those of other cities to determine the plan best adapted to the local problem, that would at the same time be in accordance with the best modern ideas in the future development of our system as a whole. After thorough study and careful consideration, the Survey Committee, on April 27 recommended the adoption of the Junior High School plan, together with a supplementary building program for the districts. This was adopted by the School Committee and a joint meeting of that body was held with His Honor the Mayor and the Honorable Board of Aldermen on June 18. As a result of that meeting the School Committee was requested to secure further detailed information and to return to the Board of Aldermen in the fall with definite recommendations. In December the Survey Committee made its final report to the School Committee, who unanimously adopted the same, and voted to submit the report to the Board of Aldermen, with a request that action be taken to relieve the situation. This report of the Survey Committee was as follows:

December 6, 1920.

"The Survey Committee has continued its investigation of the crowded conditions in the elementary schools and finds that congestion is fully as bad as was anticipated last spring. The Committee believes that thirty-five pupils are enough for any teacher and that thirty would be a better number. We now have fifty-seven rooms in the elementary schools. Of these, twenty-three have thirty-nine pupils or less. Thirty-four rooms have forty pupils or more. Seventeen rooms have from forty-five to fifty-eight pupils, while one room of seventy pupils is on half time.

"The worst congestion is in the Washington and Franklin districts, although the Livermore, Sewall, Warren and two grades at the Winthrop are badly overcrowded. At the Washington School, two rooms on the third floor are in constant use and six of the twelve rooms have from forty-four to fifty-eight pupils. At the Franklin district, the first grade is on half time, while eight other rooms have from forty-two to fifty pupils. It would seem that these conditions must be relieved at the earliest possible moment if we are to expect our schools to secure satisfactory results.

"The School Committee has committed itself to the Junior High School idea, and the Survey Committee believes that this is the best solution of our immediate problem. A Junior High School, centrally located, would at once release four rooms at the Washington School, four at the Franklin, and two each at the Livermore, Lincoln and Gooch

Schools. This would give room for the division of the large classes in the lower grades of these districts, and by a slight readjustment of the district lines, would relieve the crowded rooms in some of the other buildings.

"In addition to a Junior High School, the Survey Committee recommends the erection, as soon as possible, of six-room elementary buildings, in those sections of the City in which the school population is growing rapidly, or where the present buildings are so old that they should be replaced. In this connection, it is well to remember that with the exception of the addition to the High School twelve years ago, Melrose has built no new school buildings for twenty-four years, and that four of our wooden buildings are from twenty-eight to forty-six years old. The program here presented should care for the school needs of the City for the next fifteen years, at least.

"This Committee has given consideration to the present high cost of building and would hesitate to recommend the immediate placing of contracts if the money were at once available. However, much remains to be done before contracts can actually be placed and construction begun. To obtain the approval of the community; to secure the appropriation from the Board of Aldermen and the necessary consent from the State Legislature; to draw plans and specifications; to secure locations and to let contracts;—all this will at the best require several months.

"Meanwhile, there has been within the last month, a decided drop in building materials and those able to speak with authority on the subject predict that the cost of building will drop materially within the next six months. It is held that this is not a mere assumption, but that certain conditions point assuredly to such a result.

"We therefore believe that there should be no hesitation in planning new buildings which are badly needed. This Committee therefore recommends that the School Committee request the Board of Aldermen to take such action as may be necessary to remedy the present conditions."

As a result of this request, the Board of Aldermen on January 17, 1921, unanimously passed a resolution that the Legislature be requested to grant the necessary permission to borrow the sum of \$750,000 for the acquiring of land and the erection of school buildings. It would seem, therefore, if the citizens approve of this action, that we shall soon be in a position to secure the proper housing of our school children, not only in modern buildings, but under conditions which will make possible the development of a modern school system. In this connection we would call attention to our need of a suitable gymnasium. It is evidently the desire of the citizens to provide for the physical education of our children since they are ready to furnish suit-

able instruction. It does not seem to be fully understood, however, that adequate results demand a well equipped gymnasium. It is to be hoped that this will be furnished under the new program, and that it will be so located that it can be used not only for the present Senior High School, but also for the new Junior High School, for which we hope, and, outside of school hours, that it may be used by the public as a community gymnasium throughout the year.

Maintenance of Buildings. The School Committee has been hampered for years in its care of school buildings by lack of money. Fundamental repairs, badly needed, have had to be deferred from year to year. There has been much justifiable criticism in regard to this matter. This year the Committee asks for what may seem an unusually large sum, yet every item has been carefully scrutinized, and no repairs are contemplated which are not urgently needed. Moreover, it is the intention of the Committee to concentrate its efforts on those buildings which will undoubtedly be used for a series of years, rather than to undertake any extensive repairs on those which must soon be replaced.

Equipment. For many years the equipment in the special departments of our High School has been neglected. Last year a good start was made in the Science Department toward the installation of a modern electrical equipment. A three way motor generator set has been contracted for, and the remainder of the special appropriation was used to start the necessary wiring. This year, the Committee asks for an amount sufficient to complete the wiring and installation of the full equipment. The Drawing Department has also been furnished from a special appropriation, with modern lighting, a few mechanical drawing tables, and some minor equipment. We still need more tables, and cabinets for the drawing boards.

The Commercial Department also needs special consideration. Fifteen or twenty new typewriters are needed, with modern duplicating machinery, a calculating machine, a large cabinet and considerable equipment for the teaching of commercial geography, bookkeeping, and accounting.

We would again call attention to the needs of the Department of Manual Training. This department is to a considerable extent self-supporting through the medium of the repairs made on the school buildings, furniture and equipment. It could be made much more efficient in this respect by the purchase of a few simple machines at a very moderate cost. Moreover, these machines would make possible an entirely different type of work by the boys. Instead of devoting all of their time to the drudgery of hand tools, and small models which are not always of direct use, the advanced classes could do creative work in the production of furniture and equipment for which we have

a direct and practical outlet. This work would also quicken the interest of the pupils and give them much more efficient training in carpentry, joining, and cabinet making.

The Increased Cost of public schools throughout the country is a matter of vital interest and grave concern. Melrose, with every other city and town, has faced this problem, and has met it generously;—nevertheless, it is well to bear in mind that Melrose, as to the total tax per thousand, stands number forty-eight in the list of 353 cities and towns of the State, while as to the amount of that tax which she expends for public schools, she ranks number 161, and in the cost per pupil ranks number 191, and this, notwithstanding the fact that in the percentage of our High School membership, which is of course the large item of expense, we stand practically at the head of the State. It is therefore evident that we are far from extravagant in this respect. Moreover, as we look into the future, we must realize that popular support of this popular institution must be taxed even further. We face a genuine educational crisis. The people, rightfully enough, demand a reorganization of an antiquated system to meet the demands of a new era. We are called upon to build, upon the foundations of the old, a program which will meet the new demands and new conditions. In this great task, it is necessary that the public shall be fully informed, that they shall be in sympathy with and in hearty support of the new educational program.

Will the public, in spite of the rising costs of popular education, see to it that the interests of our children are adequately served? We believe that the best answer to this is the unprecedented amounts that have recently been granted, and in the large increases that are now contemplated throughout the country for extensive building programs, and for higher salaries for teachers. In this connection I wish to quote from a recent paper by Dr. Frank E. Spaulding on this general subject:

"The educational crisis that confronts us is, indeed, serious, alarming * * *

"It is high time to take the offensive in the struggle for education. We have been on the defensive long enough * * *

"The occupation of teaching is being deserted in the present and shunned for the future * * *

"The wealth, the resources, the earning capacity of the American people is amply able to meet the cost of providing adequately for the education of every child and youth in the land. Any contrary contention is too obviously belied on every hand to need discussion.

"The real issue is far deeper and more significant. It is this: Shall we devote our efforts and earnings first to the welfare of our children, shall we invest in the development of the human resources.

of the generations that are to follow us; or shall we provide ourselves first with the fleeting luxuries and extravagances of the present hour?

"It is fundamentally a form of the age-old, ever-recurring, crucial decision that we are called upon to make. We have to choose between the ends that we will serve. It is not primarily a question of money, but the far deeper question of human, or moral and spiritual values, that we have to decide.

"Generations ago, the founders of our Republic, the common people, undertook consciously and deliberately, to educate themselves and their children for self-government, for the building of a secure, materially and spiritually prosperous and progressive commonwealth.

"Today, in this new and vastly different age, we are called upon again as a people, to take ourselves consciously, and deliberately, and resolutely in hand, to educate ourselves and our children in accordance with present needs, that our inherited commonwealth may be made to endure into ages of yet greater progress and prosperity."

We have had two changes in the School Committee during the last year. Mr. Harry A. George, a member for five years, had acted during the whole of that time as chairman of the Committee on School-houses, for which he was eminently fitted, by training and experience. In this capacity alone the city has, in his retirement, met with a serious loss, but the Committee will also miss his fairness, his candor and his good judgment in all matters.

On the retirement of Dr. Lowell F. Wentworth, for twelve years a member of the Committee, and for nine years its Chairman, the following resolutions were unanimously adopted by the School Committee:

"Be it resolved, that in the retirement of our Chairman, Dr. Lowell F. Wentworth, the School Committee of Melrose has lost an earnest and untiring worker; and the pupils and teachers an enthusiastic and efficient counselor. During his membership of twelve years on the Board, eight years of which he has acted as Chairman, he has rendered a distinct public service dominated by an open-minded zeal and an earnest endeavor to improve conditions for the young people of our City. The members of the Board desire to place on record their high estimate of his public service and to express their sincere regret at his retirement from the Board."

In closing this report I wish to express my personal appreciation

for the continued support, confidence and friendliness shown me by the Committee, the teachers, and the community, during this my eleventh year in the service of the City of Melrose.

Respectfully submitted,

JOHN ANTHONY,

Superintendent of Schools

IN SCHOOL COMMITTEE,

January 24, 1921

It was **VOTED:**

To accept the report of the Superintendent of Schools and to adopt the same as the annual report of the School Committee for the year 1920.

TOTAL COST OF ELEMENTARY SCHOOLS

School Year, 1919-1920

General Control	
General Administration Salaries	\$2,954.71
Other General Salaries	1,148.52
Other General Expenses	865.46
Instruction	
Teachers' Salaries	82,885.34
Text Books and Supplies	6,368.62
Operation of School Plant	
Janitors' Services	8,959.71
Fuel and Light	7,284.92
Water and Miscellaneous	901.67
Maintenance of School Plant	
Repairs, Replacement, and Upkeep	8,103.93
Auxiliary Agencies	
Transportation	963.00
Tuition and Miscellaneous	738.64
	\$121,174.52

AVERAGE COST PER PUPIL, ELEMENTARY SCHOOLS

for these items, for the School Year, 1919-1920, based on the average membership (2,153) was as follows:—

General Control	
General Administration Salaries	\$1.37
Other General Salaries	.53
Other General Expenses	.41
Instruction	
Teachers' Salaries	38.50
Text Books and Supplies	2.96
Operation of School Plant	
Janitors' Services	4.17
Fuel and Light	3.38
Water and Miscellaneous	.42
Maintenance of School Plant	
Repairs, Replacement, and Upkeep	3.76
Auxiliary Agencies	
Transportation	.44
Tuition and Miscellaneous	.34
	\$56.28

TOTAL COST OF HIGH SCHOOL

School Year, 1919-1920

General Control	
General Administration Salaries	\$845.29
Other General Salaries	330.48
Other General Expenses	252.56
Instruction	
Teachers' Salaries	57,136.06
Text Books and Supplies	3,835.35
Operation of School Plant	
Janitors' Services	4,144.75
Fuel and Light	2,385.97
Water and Miscellaneous	344.14
Maintenance of School Plant	
Repairs, Replacement, and Upkeep	1,211.94
Auxiliary Agencies	
Tuition and Miscellaneous	2,058.47
	\$72,545.01

AVERAGE COST PER PUPIL, HIGH SCHOOL

for these items, for the School Year, 1919-1920, based on the average membership (616) was as follows:

General Control	
General Administration Salaries	\$1.37
Other General Salaries	.53
Other General Expenses	.41
Instruction	
Teachers' Salaries	92.75
Text Books and Supplies	6.22
Operation of School Plant	
Janitors' Services	6.73
Fuel and Light	3.81
Water and Miscellaneous	.56
Maintenance of School Plant	
Repairs, Replacement, and Upkeep	1.97
Auxiliary Agencies	
Tuition and Miscellaneous	3.34
	\$117.75

TOTAL COST OF ALL SCHOOLS

School Year, 1919-1920

General Control	
General Administration Salaries	\$3,800.00
Other General Salaries	1,479.00
Other General Expenses	1,118.02
Instruction	
Teachers' Salaries	140,021.40
Text Books and Supplies	10,203.97
Operation of School Plant	
Janitors' Services	13,104.46
Fuel and Light	9,670.89
Water and Miscellaneous	1,245.81
Maintenance of School Plant	
Repairs, Replacement, and Upkeep	9,315.87
Auxiliary Agencies	
Transportation	963.00
Tuition and Miscellaneous	2,797.11
	\$193,719.53

AVERAGE COST PER PUPIL

School Year, 1919-1920

Based on average membership (2,769)

General Control	
General Administration Salaries	\$1.37
Other General Salaries	.53
Other General Expenses	.41
Instruction	
Teachers' Salaries	50.59
Text Books and Supplies	3.70
Operation of School Plant	
Janitors' Services	4.78
Fuel and Light	3.51
Water and Miscellaneous	.48
Maintenance of School Plant	
Repairs, Replacement, and Upkeep	3.39
Auxiliary Agencies	
Transportation	.36
Tuition and Miscellaneous	1.04
	\$70.16

ANNUAL FINANCIAL EXHIBIT

Fiscal Year Ending December 31, 1920

 Receipts

Appropriations, from budget	\$228,400.00	
Balances and credits	1,489.61	
Total		\$229,889.61

Expenditures

Administration	\$4,000.00	
Other General Salaries	1,550.00	
Other General Expenses	1,198.47	
Teachers' Salaries	157,758.52	
Evening School	459.64	
School Nurse	800.00	
Text Books and Supplies	11,000.04	
Tuition	2,476.63	
Transportation	999.00	
Support of Truants	308.13	
Janitors' Services	15,053.68	
Fuel and Light	13,999.88	
Maintenance of Buildings and Grounds	11,898.64	
Furniture and Furnishings	1,291.62	
Other Expenses	778.57	\$223,572.82

Special Appropriations:

Physical Laboratory	\$553.14	
Chemical Laboratory	461.17	
Biological Laboratory	459.33	
Drawing Department	730.11	
Fire Protection	603.15	
Equipment for Athletics	485.30	
High School Athletic Coaches	985.51	\$4,277.71

Total	\$227,850.53
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Unexpended Balance	2,039.08
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 \$229,889.61

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1919-1920.

1. By Schools

SCHOOLS	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	Number of Boys	Number of Girls	Average Membership	Average Attendance	Per Cent of Attendance
High School	693	330	363	616.54	591.41	95.92
Franklin	339	179	160	318.93	297.13	93.16
Whittier	201	90	111	173.97	159.83	91.87
Washington	470	233	237	439.99	410.56	93.31
Livermore	176	91	85	163.08	154.59	94.79
Sewall	139	66	73	146.94	135.07	91.92
Lincoln	304	157	147	290.03	266.12	91.75
Gooch	297	159	138	296.56	278.49	93.90
Warren	188	91	97	165.79	147.12	88.73
Winthrop	143	70	73	130.74	118.22	90.42
Ripley	24	10	14	27.14	25.67	94.58
Totals	2,974	1,476	1,498	2,769.71	2,584.21	93.30

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1919-1920

2. By Grades

GRADES	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	Number of Boys	Number of Girls	Average Membership	Average Attendance	Per Cent of Attendance
High School	693	330	363	616.54	591.41	95.92
Eighth	217	107	110	204.96	194.84	95.06
Seventh	291	142	149	279.07	264.14	94.65
Sixth	265	130	135	257.24	242.79	94.38
Fifth	282	144	138	274.37	257.14	93.72
Fourth	286	133	153	279.61	260.80	93.30
Third	292	148	144	281.25	258.18	91.79
Second	309	171	138	287.42	260.71	90.71
First	339	171	168	289.25	254.20	87.88
Totals	2,974	1,476	1,498	2,709.71	2,584.21	93.30

NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS

December 31, 1920

	Male	Female	Total
High (Grades IX, X, XI, XII).....	10	21	31
Grammar (Grades V, VI, VII, VIII)....	0	37	37
Primary (Grades I, II, III, IV).....	0	34	34
Supervisors. Music	0	1	1
Drawing	0	1	1
Manual Training	2	0	2
Primary	0	1	1
Penmanship	0	1	1
Sewing	0	1	1
Physical Education	0	1	1
Total	12	98	110

NUMBER OF PUPILS IN THE DIFFERENT GRADES

December 31, 1920

Primary, Grade I.....	369
Grade II.....	301
Grade III.....	306
Grade IV.....	298
Grammar, Grade V.....	300
Grade VI.....	277
Grade VII.....	279
Grade VIII.....	247
High, Freshman Class	193
Sophomore Class	169
Junior Class	126
Senior Class	121
Post Graduate Class	6
Total	2992

AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES

September, 1920.

Primary,	Grade I.....	6 years	8 months
	Grade II.....	7 years	8 months
	Grade III.....	8 years	9 months
	Grade IV.....	9 years	7 months
Grammar,	Grade V.....	11 years	
	Grade VI.....	12 years	2 months
	Grade VII.....	12 years	10 months
	Grade VIII.....	13 years	9 months
High,	Freshman Class	14 years	8 months
	Sophomore Class	15 years	4 months
	Junior Class	16 years	7 months
	Senior Class	17 years	3 months

APPENDIX

Melrose High School

GRADUATION EXERCISES

Class of 1920

Memorial Hall, Evening of June Eleven, at Eight-Five O'clock

PROGRAM

MARCH—"Stars and Stripes" Sousa
High School Orchestra

INVOCATION

Rev. Richard H. Bennett

SALUTATORY AND ESSAY—"The Influence of the Pilgrims Upon
Present Day Problems"

Esther Eldredge

SELECTION—"The Kilties' March" Murchison

Chorus

ESSAY—"The Old Home of the Pilgrims"

Helena B. Sansom

SONG—"Hunting Song" Brockway

Chorus

AWARD OF PRIZES BY THE FRANKLIN FRATERNITY

SONG—"The Long Day Closes" Sullivan

AWARD OF FIDELITY PRIZES IN MATHEMATICS

Kenneth Dole

(President of the Euclidean Society)

ANNOUNCEMENTS BY THE PRINCIPAL

SELECTIONS:—

a. "Sobre Las Olas" Rosas

Mandolin Club

b. "Overture," Martha F. V. Flotow

High School Orchestra

VALEDICTORY AND ESSAY—"The Puritans and Education"

Mary Aletta Cox

PRESENTATION OF DIPLOMAS

Dr. Lowell F. Wentworth

(Chairman of the School Committee)

SELECTION—"Greeting to Spring" Strauss

Chorus and Orchestra

"AMERICA"—The Class and Audience

SENIOR CLASS HONOR LIST

Pupils who have maintained a general average of 90% or over during the entire course.

Mary Aletta Cox

Esther Eldredge

Helena B. Sansom

HONOR LIST FOR OTHER CLASSES

Pupils who have maintained an average of 90% or over in each subject during the past year.

Junior Class

Albert Taylor

Sophomore Class

Theodore Cutting

Freshman Class

Ada M. Champlin

Emily Eldredge

Helen E. Cummings

Marion Jepson

Elizabeth E. Wellman

MELROSE HIGH SCHOOL ORCHESTRA

Elmer Wilson, Director

Violins

Clifton Day

Lucy Norton

Malcolm Dole

Edna Richards

Margery Fulton

Dorothy Tower

Gertrude Grossman

Christine Wellock

Dorothy Knight

Julian White

Kenneth Loring

Robert Wilson

Viola

Miriam Smith

Cellos

Kenneth Dole

Trumpets

Francis De Silva

Florence E. Stacy

Helen Driver

Rosalie Taylor

Evans Gourley

Flute

Werner von Klock

Mandolins

Fred Cleaveland

Christine Greenleaf

Hope Cleaveland

Stephen Hall

Evelyn Curtis

Alice Hooker

Malcolm Dole

Lucile Patten

Evelyn Earl

Margaret Potter

Webster Eldredge

Edna Richards

Eliot Fuller

Piano

Margery Carr

Director of Music

Elisabeth Gleason

FRANKLIN FRATERNITY PRIZES

English II

Theodore J. Cutting

English III

Albert L. Taylor

English IV

Kenneth' Dole

Algebra I

Kenneth H. Walker

Honorable Mention—Ada M. Champlin

Emily Eldredge

Algebra—Open to All

Kathryn Butters

Honorable Mention—Pearl F. Champlin

Helen Maguire

Geometry

Mary A. Cox

Honorable Mention—H. Leslie Swift

Archie Gittes

Geometry—Open to All

Elbert C. Brown

MELROSE WOMAN'S CLUB HONORS

Marjorie E. McKay

Marion L. Marden

SONS OF THE AMERICAN REVOLUTION MEDAL

Elbert C. Brown

CLASS OF 1920

Pauline Albee	Anna M. Harrington
Helen M. Armstrong	William S. D. Hayes
Ruth S. Babson	Franklin Clifford Hills
Lester Furneaux Barnes	Helen Geraldine Hirst
Sydney Horace Batchelder	Frances C. Holbrook
Louise Estelle Bernhard	Alice G. Hooker
Churchill A. Blackford	Priscilla Hsley
Hilda M. Blackford	Estelle Frances Legg
Arthur Ellsworth Bourne	Luella Melissa Lent
Gwendolyn Bernice Bricher	George Luther Lindsay
Arthur W. Brodrick	Helen Warner Lougee
Elbert C. Brown	Kathryn Olive Lovejoy
True D. Canney	Stewart Bridge Luce
Kathleen Esther Clarke	Ruth Geraldine McKeon
Hope Aldrich Cleaveland	Marion Ripley Manley
Lois Coburn	Marion Leighton Marden
Mary Aletta Cox	Mary Elizabeth McDowell
Holmes Putnam Crabtree	Marjorie Emily McKay
Eleanor Crandon	Harold Frederick Montgomery
Andrew J. Cronin	Harriette Evangeline Morse
Mary Elizabeth Cronin	Ruth Alice Mulready
Clifford B. Cutting	Edythe Frances Myers
Hazel Dean	Julia Claire O'Connor
Ruth Elizabeth Dennett	Walter Thomas O'Donnell
Genevieve M. Herrington	Marjorie Isabel Patrick
Lena Mae Despin	Helen Gertrude Patten
Kenneth Dole	Carlisle Houghton Peckham
Malcolm Dole	Ina Louise Perkins
Alma Gertrude Doucette	Roscoe Lawrence Perley
Paul Crowther Dow	Margaret Frances Potter
Mande E. E. Durkee	Dorothy Alice Raymond
Mae S. Durkee	Edna Winifred Richards
Evelyn Bassett Earl	Doris Robertson
Esther Eldredge	Russell Earl Robertson
M. Eleanor Flagg	Barbara Sands
Jackson Flanders	Helena B. Sansom
J. Banning Ford	Henry Lyman Sayward
Rebekah F. George	Robert Elmer Scarborough
Harriett Gershon	Richard Sears
Thecla Grosvenor Gleason	Wendell Folsom Sellers
Barbara Goss	R. David Sewall
Leonard D. Hadley	Frank James Sherman, Jr.
Carmilla M. Hall	Alice Lillian Shorey

Miriam P. Simpson	Horace Spencer Teague
Josephine G. Small	Louise Thomas
Miriam H. Smith	Christopher Clifford Thompson
Dorothy J. Sprague	Grace Marion Thresher
Isabel Stanley	Margaret Althea Tibbetts
Benlah E. Staples	Bertha C. M. Von Horn
Ruth Astred W. Stromqvist	Werner Frank H. L. von Klock
Demetria M. Taylor	Albert Twilton West
Mabel Frances Wheeler	

PUPILS PROMOTED FROM THE EIGHTH GRADE TO THE HIGH
SCHOOL 1920

Eighth Grade, Franklin School

*Dorothy Colbert	*Agnes Baylis
*Madalene Evers	*Marcia Bell
*Bertha Harrington	*Alma Casano
*Beatrice Hislop	*Ruth Churchill
*Marie Hoffman	Louise Donley
Madeline Howard	*Helen Felch
*Dorothy Johnson	*Lorraine Flint
*Mary Legg	*Ruth Hall
Alice Mum	*Dorothy Myrick
*Evelyn Roche	*Vera Sewell
*Enid Simonds	Dorothy Small
*Shirley Thompson	*Florence Steverman
Helen Trout	*Dorothy Wilson
*Helen Wells	*Elizabeth Wilson
*George Carpenter	*Norman Bean
*Gordon Clarke	*Frank Bennett
*Douglas Coates	Clinton Bowen
*Kenneth Gardner	*Edgar Crowell
*Roger Goodwin	*Robert Fairbanks
Leslie Hicks	*Charles Garniss
*Elmer Kehoe	*John Muldoon
*Gordon Knowles	*Leon Pease
*Hugh MacDonald	*Robert Powers
*Allan Mansfield	*Lawrence Raymond
*James Phelps	*Warren Sperry
*Arthur Shaw	*Charles Stephen
*Kirk Shivell	*Earl Sturges
*Philip Staples	*Charles Tarr
Vivian Allman	*Allan Waitt

Eighth Grade D. W. Gooch School

*Ruth Adams	*Percy Burns
*Bertha Brand	Ward Cramer
Mary Brett	*Reginald Currie
*Dora Burns	*Malcolm Delano
*Dorothy Dunn	*Lothrop Dodge
*Loretta Morris	*Elmer Drew
*Elizabeth Murphy	*George Dragan
Margaret Turner	*Lester Lent
Mary Wheaton	Frank Little
*Priscilla Lees	*Eugene Lossone
*Ralph Barrows	*Robert Mathias
*Ralph Bavier	Kenneth Wheeler

Eighth Grade, Washington School

*Lillian Barnes	*Elizabeth O. von Horn
*Marjorie Carter	*Harry Bremberg
*Linnie Cates	*Arthur L. Delaney
*Dorothy Corbett	*Lyman D. Hall
*O. Helene Foster	*Paul E. Hancock
*Barbara Franklin	*Walter L. Holmes
*Elly E. Hall	*Charles H. Hyson
Gladys G. Hunnewell	*Thomas E. McGough
*Barbara L. Hunt	*Holbrook E. Metcalf
*Olive R. Holt	*Frank E. Mulready
*Lucy I. Judkins	*Joseph F. O'Donnell
*Mildred A. Johnson	Carl A. Polk
*Ruth A. Loveless	*Robson A. Richards
*Marion H. MacIntyre	*William C. Sterling
*Louise M. Souther	*Reinhardt von Klock
*Elizabeth B. Tibbetts	

Eighth Grade, Mary A. Livermore School

*Constance Cleaveland	*Elisabeth C. Raynes
*Edith F. Davis	*Bernice M. Rendall
*Ruth R. Falby	*Elizabeth E. Richardson
*Helen E. Gurney	Evelyn V. Smith
*Helen J. Habberley	*Dorothy Turner
*Anna E. Harris	*Claude L. Allen
*Ruth Hovey	*Leonard E. Ames
*Edith C. Jenkins	*Clifford O. Dolber
*Anna C. Phillips	*Frederick A. Dow

*Richard L. Elwell
*Hubert Godfrey
*Allen L. Graves
*Donald E. Hynes
*Fenton E. Kelley
*Arthur L. Kimball
*Ralph C. Ray

*Thomas Reed
*Ernest Rotondi
*Henry J. Smith
*Bernard Swift
*John Walker
*Harold M. Walter
*Dudley M. Williams

Eighth Grade, Lincoln School

*Hilda Blackmar
*Cecilia R. Bowes
*Esther T. Burt
*Mary A. Boyle
*Helen C. Cameron
*Harriet E. Conn
*Eleanor Cowdrey
*Mildred F. Emerson
*Lillian I. Gabriel
Helen M. Ford
*Barbara S. Hall
*Caroline M. Haroth
*Elfrieda E. Henry
*Helen S. Leyland
*Arline H. Martin

*Marion A. Neely
*Josephine C. Spadafora
*A. Lois Stevens
*Norman S. Bean
*Robert A. Cox
*Winthrop C. Cummings
*Paul A. Doucette
*Henry S. Glidden
Norman A. King
*Victor A. McHenry
Harold E. Lyons
*Ralph McLean
*Ernest T. Peverly
*Warren E. Taylor
Stanley E. Wilk

*Entered High School in September—154 or 88%.

Assessors' Report

TAXABLE VALUATION OF THE CITY

Real Estate	\$18,878,800.00
Personal Estate	2,206,600.00
Rate of Taxation \$29.50 per \$1,000.00	\$21,085,400.00

Amount Raised on Property and Polls as Follows

Real Estate	\$556,924.61
Personal Estate	65,094.61
4,585 Polls at \$5.00 each	22,925.00
	\$644,944.30

Divided as follows:

State Tax	\$57,174.00	
County Tax	23,923.37	
Met. Sewer Tax	19,111.76	
Met. Park Tax	12,381.78	
State Highway Tax	461.53	
Charles River Basin Tax	2,177.13	
Fire Prevention Tax	269.13	
East Mass. St. Railway Tax	593.47	
City Budget	569,876.17	
War Bonus	13,755.00	
Overlay	9,098.07	
	\$708,821.41	
Less Income Tax \$43,277.11		
Less School Fund 20,600.00	63,877.11	
	\$644,944.30	\$644,944.30

ADDENDUM

Year	Census	Dwell-ings	Polls	Value Buildings	Value Land	Total Val. Real Estate	Value Personal Estate	Total Valua-tion	Rate per \$1,000	City Appro- priation	Sewer- age Tax	Park Tax	State Tax	County Tax	Overlay	Total Tax Levy	Year
1900	12,715	3,237	3,650	\$7,582,525	\$4,398,150	\$11,980,675	\$797,690	\$12,778,365	\$18.00	\$199,837.41	\$9,481.01	.....	\$6,645.00	\$11,857.11	\$9,540.04	\$237,310.57	1900
1901	12,781	3,248	3,711	7,610,850	5,993,025	13,603,875	1,286,890	14,890,765	16.20	206,635.82	9,727.23	.....	7,437 50	13,388.55	*11,463.29	248,652.39	1901
1902	13,369	3,280	5,931	7,781,400	5,927,575	13,708,975	1,656,505	15,365,480	17.20	237,107.27	10,561.13	\$1,977.83	6,375.00	13,365 88	2,861.15	272,148.26	1902
1903	13,641	3,312	4,052	7,865,250	5,915,375	13,780,625	1,397,005	15,177,630	18.00	237,087.74	10,808.84	5,169 59	10,625.00	13,917.89	5,692.28	281,301.34	1903
1904	14,021	3,319	4,137	7,945,700	5,867,625	13,813,325	1,424,530	15,237,855	17.40	225,003.32	11,744.15	5,696.87	11,625.00	15,716.05	3,627.28	273,412.67	1904
1905	14,559	3,334	4,235	8,020,150	5,845,800	13,865,950	1,463,745	15,329,695	18.00	227,044.58	12,077 04	5,922.31	18,600.00	15,272 57	5,488.01	284,404.51	1905
1906	14,572	3,363	4,235	8,131,450	5,787,100	13,918,550	1,559,530	15,477,880	17.80	229,006.55	12,222.49	6,183.01	16,275.00	16,188.40	4,100.81	283,976.26	1906
1907	14,860	3,382	4,318	8,288,850	5,781,500	14,070,350	1,664,060	15,734,410	17.00	219,753.24	9,264.95	7,183.32	18,000.00	15,880.08	6,038.36	276,120.97	1907
1908	15,122	3,393	4,344	8,450,675	5,788,475	14,239,150	1,733,810	15,972,960	18.50	234,100.42	14,397.93	7,868.56	*102.00 } *19.75 }	15,606.50	7,444.60	304,187.76	1908
1909	15,246	3,416	4,438	8,627,425	5,775,725	14,403,150	1,746,675	16,149,825	19.30	250,100.51	13,567.95	8,158.34	24,750.00 } 20,250.00 }	17,250.17	11,220.90	320,567.62	1909
1910	15,735	3,447	4,490	8,865,325	5,771,450	14,636,775	1,827,090	16,463,865	19.40	255,567.13	14,834.95	8,494.76	*19.75 } 23,760.00 }	16,478.32	9,224.31	328,378.98	1910
1911	16,118	3,503	4,515	9,164,225	5,757,450	14,921,675	1,975,950	16,897,625	20.40	276,517.13	15,496.52	11,634.39 } *4,076.16 }	23,760.00 } *20.00 }	15,170.07	7,067.28	553,741.55	1911
1912	16,241	3,564	4,596	9,452,650	5,757,150	15,209,800	2,213,000	17,422,800	20.40	283,731.71	15,804.48	9,412.75 } *1,323.37 }	27,000.00 } *18.75 }	14,860.33	12,466.03	364,517.12	1912
1913	16,612	3,611	4,620	9,791,425	5,791,425	15,582,625	2,420,900	18,003,525	20.40	289,544.80	17,103.24	10,262.39 } *1,655.79 }	32,640.00 } *20.00 }	16,466 40 } *1,502.39 }	7,316.90	376,511.91	1913
1914	17,037	3,674	4,685	10,144,550	5,816,700	15,961,250	2,606,080	18,567,330	21.70	316,917.47	17,437.18	10,558.39 } 1,731.04 }	35,700.00 } 67.65 }	19,577 92 } 136 46 }	10,154.95	412,281.06	1914
1915	17,096	3,748	4,850	10,494,300	5,823,300	16,317,600	2,623,780	18,941,380	23.70	359 106.29	17,201.57	10,796.50 } 1,621.29 }	39,780.00 } 52.40 }	20,682 55 } 133.25 }	9,236.85	458,610.70	1915
1916	17,317	3,864	4,949	10,957,650	5,891,700	16,849,350	2,795,800	19,645 150	22.00	350,771 03	16,155 54	8,183.80 } *1,834 04 }	32,900.00 } *200.00 }	20 650.93 } *289.30 }	12,008.66	442,091.30	1916
1917	17,275	3,958	5,061	11,326,050	5,916,700	17,242,750	1,530,000	18,772,750	23.40	379,561.18	17,637.22	10,464.99 } 1,974 84 }	43,450.00 } 200.54 }	19 871 65 } 225.67 }	14,833.40	449,404 35 }	1917
1918	17,353	3,964	5,043	11,519,250	5,912,150	17,431,400	1,644,975	19,076,375	23.40	413,680.07	18,851.06	10 597.62 } 2,007.80 }	43,450.00 } 208.65 }	21,532.85 } 205.30 }	11,719.08	522,252.43 }	1918
1919	18,114	3,973	5,169	12,203,650	6,048,425	88,252,075	1,951,500	20,203,575	26.20	488,671.38	18,714.38	12,182.89 } 2,131.59 }	45,474.00 } 284.00 }	22,040.33 } 286.41 }	8,045.26	597,830.22 }	1919
1920	18,371	3,981	4,585	12,799,450	6,079,550	18,878,800	2,206,600	21,085,400	29.50	569,876.17	19,111.76	12,381.78 } *2,177.13 }	57,174.00 } †461.53 }	23,923.37 } 862.60 }	9,098.07	708,821.41 }	1920
														13,755.05 }		63,877.11 }	

*Charles River Basin. †State Highway Miscellaneous Estimated Receipts.



ASSESSORS' REPORT

51

Supplementary Assessments	\$13,700.00
Street Sprinkling Assessed	11,899.05
Moth Tax Assessed	68.50

Number of residents assessed	3,219
Number of non-residents assessed.....	677
Number of persons assessed for Poll Tax only.....	3,005
Number of horses assessed	110
Number of cows assessed	268
Number of dwellings assessed	3,981

Valuation of Exempted Property

Houses of religious worship	\$371,575.00
Literary and Benevolent Institutions	212,525.00

Respectfully submitted,

FRANK K. UPHAM,
 CHARLES C. SWETT,
 JOSHUA T. NOWELL,
 Assessors.

Report of Inspector of Wires

Jan. 24, 1921

To the Honorable Mayor and Board of Aldermen, City of Melrose, Mass.
Gentlemen:—

I respectfully submit the following report of the Wire Department for the year ending December 31, 1920.

FIRE ALARM SYSTEM

Five hundred and five inspections of box movements were made, making the necessary adjustments and repairs.

Sixty-one two-pin and twenty-four four-pin arms were replaced with new ones.

Six boxes have been equipped with keyless doors.

POLICE SIGNAL SYSTEM

Thirty-one two-pin and twenty-three two-pin arms were replaced with new.

Two miles of wire have been run in and insulated from trees.

Four hundred and ten inspections of box movements were made, making the necessary repairs on same.

During the past year the Red Light System has given excellent service, and during the next year this department will add a number of lights which will add to the efficiency of the system.

INSPECTION OF WIRES

Eleven hundred and four inspections were made of old and new houses, issuing five hundred and fifty-two permits, allowing the current to be turned on.

RECOMMENDATIONS

The purchase of an eight-circuit repeater to be installed at Fire Alarm Headquarters.

The City wire to be pulled in underground on Main Street from the Wakefield line to Goodyear Avenue.

The purchase of a Diaphone Horn to be installed at Fire Headquarters.

That a fire alarm box be installed on every school building.

Respectfully submitted,

FRED A. EDWARDS,

Wire Inspector

Report of Inspector of Buildings

January 25, 1921

To His Honor, Mayor Angier L. Goodwin, and the Board of Aldermen.
Gentlemen:—

There have been 231 permits issued during the year 1920 at an estimated cost of \$366,590.00, divided as follows:

29 Dwellings	Valued at	\$152,500.00
98 Alterations	“ “	63,210.00
85 Garages	“ “	102,945.00
19 Other Buildings	“ “	47,935.00

\$366,590.00

While there has been an increase in the number of permits for alterations and new dwellings, provision has been made for housing only, 35 more families than the city could take care of in the previous year.

A large factor in building construction has been the private garage, ranging from \$100.00, made of second-hand lumber to one of first-class construction worth \$1,800.00.

Permits have been granted for three large apartment garages aggregating \$32,000 that have not been constructed.

Two old buildings that have been a menace to the community in which they were located for a long time have been torn down.

There are several other buildings that ought to be boarded up so securely that persons cannot get into them and make a nuisance in their immediate vicinity or share the same fate.

There has been a more general taking care of the “Water from Roofs” the past year than in any previous year. The result can be seen all over the city.

And yet there are men of seemingly high standing in the city who absolutely refuse to comply with the ordinance.

The fact that material and labor have been abnormal in cost has led the Department to refrain from any Legal Action in this matter.

As we are returning to nearer normal conditions, there is no reason why the ordinance should not be enforced the present year without fear or favor.

Respectfully submitted,

WILLIAM S. ALLEN,

Inspector of Buildings

ANNUAL REPORT
OF THE
BOARD OF HEALTH
OF THE
CITY OF MELROSE
FOR THE
YEAR ENDING DECEMBER 31st
1920

MAYOR

Honorable CHARLES H. ADAMS

BOARD OF ALDERMEN**COMMITTEE ON EDUCATION, HEALTH AND CHARITY**

Mr. Llewellyn H. McLain, Chairman

Frederick W. Patten	Nelson J. Sanford	Walter F. Chapman
Albert M. Tibbetts	Henry L. Restall	James Otis Davenport

MEMBERS OF THE BOARD OF HEALTH

Dr. Clarence P. Holden		9 Winthrop St.
Dr. Ralph R. Stratton		654 Main St.
William A. Tomer		45 West Emerson St

OTHER OFFICERS

Mrs. Lillian H. Willey, Acting Clerk.

Andrew J. Burnett, Plumbing and Sanitary Inspector.

C. H. Playdon, V. S., Inspector of Animals and Slaughtering.

David O. Parker, Inspector of Slaughtering.

Henry E. Berger, Inspector of Milk.

Dr. Albert E. Small, Dr. Joseph H. Fay, Dr. Elizabeth Hirst, Medical
Inspectors of Schools.

Mrs. Myrtle S. Meriam, Public Health Nurse.

Report of the Board of Health

To the Honorable Mayor and Board of Aldermen, City of Melrose:—

Gentlemen:—The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1920.

The membership is as follows, to wit: Clarence P. Holden, M. D.; Ralph R. Stratton, M. D.; and William A. Tomer.

General Health.—The general health of the city during the year 1920 was very good, there being a total of 236 deaths as against 214 in 1919, and 284 in 1918, the year of the Influenza.

The Board deems the following facts worthy of special comment: There were two deaths from diphtheria, which should have been prevented by early diagnosis and proper treatment; only four cases of typhoid fever and no deaths. Modern medical science has conquered typhoid fever. Whooping cough and measles, generally considered of little importance, each caused one death. Influenza and pneumonia were responsible for 36 deaths. There were 24 cases of tuberculosis on the list Jan. 1 and 2 not added in 1919; there were 22 new cases reported and 4 cases in which the report of death was the first and only report, making a total of 52 cases. Their disposition during the year was as follows: Removed from the active list to the arrested list, 1; removals from the city, 4; deaths, 13; revocation of diagnosis, 1; total, 19; leaving a list of 33 cases Dec. 31, 1920. Thirteen cases were cared for a longer or shorter time in various hospitals and sanatoria. The expenditure by the Board was considerably below the average for the past ten years, during which time the death rate from tuberculosis has remained fairly constant; two years there being 10; three years 13; two years 14, and 13 in 1920. It is estimated by the best scientific opinion that for every death from tuberculosis in a community there are at least 10 active cases. It will be seen from this test that the Board should have record of 130 cases instead of 52. In other words then, 78 cases of tuberculosis, some of which are ignorant they have the disease, some which the physicians diagnose as something else, and many probably where a better conception of public duty would impel the patient or the physician to make a report.

This picture is not overdrawn and outlines the work of the Board of Health for the coming year. It will be met, first by a more careful examination of the school children than ever before; second by furnishing a FREE examination by a competent physician of any cases which desire to know whether or not they have tuberculosis, third by providing for free sanatorium treatment for suitable cases which are unable to pay for it themselves. In addition to this certain cases will be aided in their homes as heretofore with milk, clothing, etc. The City of Melrose, through its Board of Health, is ready to do its whole duty for every case of tuberculosis of which it has knowledge.

There is a class of diseases—the cause of many deaths, not transmissible, but largely preventable, to wit:—Diseases of the heart, blood-vessels and kidneys, which caused the deaths of 28 persons under 70 years of age, which was the standard of natural life fixed by the psalmist King David more than 2,000 years ago. That is to say, 28 persons dying in Melrose before their time by reason of a lack of proper hygiene as to food and drink, work, rest and play, during the whole or a part of their lives.

The loss of life and the efficiency of life from these causes in the United States of America in an age which likes to call itself enlightened, is very great. In no civilized nation in the world is the loss of life among men and women in their prime so appalling as in this country. This statement can be substantiated from careful Insurance Statistics of the world for the past 50 years.

Bacteriology.—The bacteriological examination of milk is done by the Inspector of Milk, whose report follows in detail. Other bacteriological work is sent to the laboratories of the State Department of Health.

Vaccination.—Forty-five successful vaccinations have been performed at this office and eighty-nine certificates of successful vaccination have been issued.

Work Certificates.—Health certificates to work were given to one hundred and one children.

SCHOOL INSPECTION

School Inspection under the Board of Health was continued during the year as heretofore. The Public Health Nurse is employed one-half time as School Nurse and her report will be found of interest in this connection.

GARBAGE COLLECTION

The recommendation of the Board of Health that the work of garbage collection be transferred to the Public Works Department and the contract system abolished not being approved by the City Government, new contracts for three years ending May, 1923, were made as follows, viz:—

District No. 1—George W. Higgins.

District No. 2—Frank H. Hamilton.

District No. 3—Alfred E. Swain.

The collection of garbage on the whole has been better under these contracts than ever before.

GARBAGE AND RUBBISH

Chapter 6, Section 1, of the Regulations of the Board of Health has been amended and reads as follows, viz:

“Householders and the proprietors of stores, groceries and markets, or any other places where garbage is made, kept or stored, and the landlords of all apartment and tenement houses shall provide separate receptacles, of sufficient size, for household waste and garbage.

First.—A covered, watertight, flyproof bucket for offal, refuse, animal and vegetable waste, such receptacles to be kept covered, in a place secure from the depredation of dogs and other animals, and convenient of access. The contents thereof to be removed only by the persons authorized by the Board of Health.

Second.—All garbage must be drained and water kept out of the garbage bucket. No tin cans, broken crockery or glass bottles shall be put in the offal bucket, but these should be put in the ash barrel. Raw meat, fish or fowl or any parts thereof shall be wrapped in paper before placing them in a garbage receptacle. OFFAL ON THE GROUND WILL NOT BE COLLECTED.

Third.—Barrels, preferably of iron, shall be provided for ashes and other household waste, to be removed by or under the supervision of the Superintendent of Public Works. All paper should be securely binned or baled, and kept separate from the ashes.”

ORDINANCES RELATIVE TO HEALTH

An Ordinance Relative to Cesspools and Privies

Section 1.—No cesspool shall hereafter be constructed and after May 1, 1917, no cesspool shall be maintained within the limits of the City of Melrose, unless the same shall conform to the following re-

quirements: Where the ground is suitable, a leaching cesspool shall be built of concrete construction within three feet from the top, tightly covered and made flyproof; where the ground is not suitable for a leaching cesspool, a watertight cesspool shall be constructed, tightly covered and made flyproof. The kind and size of cesspool shall be determined by the Board of Health and shall depend upon the soil foundation and the amount of sewage or drainage to be emptied into such cesspool. No cesspool shall be covered until inspected and approved by an agent or inspector of the Board of Health.

Section 2. No privy shall hereafter be constructed and after May 1, 1917, no privy shall be maintained within the limits of the City of Melrose unless the same shall conform to the following requirements. The privy vault shall be watertight with eight-inch concrete wall, sides, ends and bottom and properly covered at the rear and made flyproof, the size to be four feet by four feet by four feet, inside measurements. Provided, however, that this section of the ordinance shall not apply to temporary privies constructed by contractors or builders who receive a permit from the Board of Health to maintain a vault for the use of employees: such temporary privy, however, to be kept and maintained under such restrictions and regulations as the Board of Health may from time to time prescribe.

INSPECTION OF RANGE BOILERS

Section 9. No range boiler shall be installed unless its capacity is plainly marked thereon in terms of the Massachusetts Standard Liquid Measure, together with the makers' business name, in such manner that it may easily be identified.

No copper, iron or steel pressure range boiler, whether plain or galvanized, or other vessel or tank in which water is to be heated under pressure, shall be installed without having stamped thereon the maker's guarantee that it has been tested to not less than two hundred pound hydraulic pressure to the square inch.

And no such boiler or other vessel or tank in which water is to be heated under pressure shall be installed if the working pressure is greater than forty-two and one-half per cent of the guaranteed test pressure marked thereon by the maker.

And no such boiler or other vessel or tank in which water is to be heated under pressure, shall be installed unless it has safety and vacuum valves to prevent siphonage and expansion or explosion, satisfactory to the Inspector of Plumbing.

The Plumbing Inspector must be notified when this work has been completed.

Note.—for further information see the report of the Plumbing Inspector.

BARBER SHOPS

The barber shops have been inspected, and are rated from a sanitary viewpoint as good, fair and unclean.

7 are rated good 2 are rated fair 0 are rated unclean

DAIRY INSPECTION

Dairies are rated as food, fair and unclean.

14 were rated good 12 were rated fair 0 were rated unclean
85 licenses were issued:—43 to sell milk from stores; 64 to sell milk from wagons; 21 to sell oleomargarine.

During the war and since there have been many disturbing factors as to milk. For the producer, the high cost of cows, feed and labor; for the distributor, the increased cost of transportation and labor; for the consumer, the increase in price, an increase much less than in the cost of meat and other foods, however.

The fact holds now, as well as before the war, that milk remains about the cheapest food that can be bought, and that the householder, especially where there are children, should economize in other directions than in a diminishing milk supply.

For detailed facts as to the milk supply in Melrose, you are referred to the report of the Inspector of Milk.

BAKERIES

Under Chapter 418 of the Acts of 1920 the State Department of Public Health has formulated rules for the registration and inspection of all bakeries by local boards of health. Previous to this registration the Board has inspected the bakeries of Melrose and rated them as follows, viz:

4 were rated good 3 were rated fair 1 was rated unclean

In the bakery rated unclean the production and sale of food was forbidden until the changes required by the Board were made, and the premises cleaned; this bakery is now rated as fair.

Seventy-three places selling food products, including confectionery and ice cream, have been inspected. From a sanitary viewpoint

48 are classed as good 25 are classed as fair

NUISANCES

The following is the list of nuisances abated by order of the Board of Health or its agent, during the year and in parallel column, nuisances abated during the previous year.

	1919	1920
Privy nuisance	1	2
Cesspool nuisance	6	13
Premises connected with sewer by order of Board.....	2	
Hen nuisance	6	3
Dumping nuisance	9	12
Uncleanly premises	8	7
Pig nuisance	7	2
Stagnant water	1	2
Defective plumbing	4	1
Defective drainage	3	3
Exposed or offensive garbage	8	1
No water or defective supply	1	4
Collecting garbage without a permit	0	10
Other nuisances	8	4
Complaints investigated and no cause for complaint.....	9	6
Dead animals buried	44	63

Table I
FINANCIAL STATEMENT

	1919	1919 Totals	1920	1920 Totals
Total Appropriations		\$12,450.00		\$14,700.00
EXPENDITURES				
General Administration		\$1,240.27		\$1,778.25
Salary of Board	\$705.00		\$870.00	
Salary of Clerk	315.71		655.42	
Telephone	57.84		62.44	
Stationery and Postage...	16.50		80.62	
Transportation and Use of Car	133.07		96.63	
Sundries	12.15		15.14	
Other Expenses		\$1,402.66		\$1,674.38
Plumbing Inspection	724.96		875.00	
Sanitary Inspection	250.04		250.00	
Burial of Dead Animals...	31.00		57.75	
Dumps and Dump Signs..	8.10		34.00	
Medicine	21.89		27.09	
Serving Notices	2.50			
Office Supplies	71.31		102.94	
Transportation and Use of Car	62.32		95.54	
Ads. and Reports	178.25		116.75	
Office Furnishings	5.70			
Inspection of Slaughtering and Food	20.00		98.00	
Sundries	26.59		17.21	
Quarantine and Contagious Disease Hospital		\$2,215.12		\$1,180.00
Maintenance of patients at Hospitals	2,119.87		835.06	
Reimbursement of other cities	14.00			
Transportation and Use of Car	68.00		90.00	
Outside Aid	13.25		254.94	
Inspection		\$1,595.00		\$1,815.08
Inspection of School Chil- dren	375.00		450.00	
Inspection of Milk	100.00		100.00	
Inspection of Animals and Slaughtering	120.00		165.08	
Public Health Nurse	600.00		700.00	
Milk Analyses	400.00		400.00	
Refuse and Garbage Disposal		\$3,833.38		\$5,226.62
Tuberculosis		\$1,514.00		\$323.79
Outside Aid	91.24		1.85	
Board and Supplies in Hospitals	1,422.76		321.94	
Total Expenditures		\$11,800.43		\$11,998.02
Revenues of Board of Health		\$760.28		\$515.63
Licenses	\$40.00		\$49.00	
Reimbursements	720.28		466.63	
Reimbursed to Quar. & Cont. Dis. Hosp.....		13.95		

Table II

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melrose cases dying in hospitals out of town.

Months	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	..	1	2	..	..	..	12	..	9	1	..	..	..	..	..	..	..	1	2	23
February	..	..	8	..	..	..	29	..	11	1	..	..	..	..	..	..	..	2	49	..
March	4	..	8	..	..	..	111	1	7	..	..	..	..	..	..	..	..	131	2	..
April	..	..	2	..	..	..	102	..	1	..	..	..	..	..	..	..	..	106	1	..
May	..	..	..	..	..	..	62	..	2	..	..	..	..	..	..	..	..	66	..	..
June	5	..	2	..	..	..	32	..	..	..	..	..	..	..	..	..	..	40	1	..
July	..	..	1	..	..	..	15	..	2	..	..	..	..	..	..	..	..	20	2	..
August	3	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	9	3	..
September	6	1	2	..	2	..	..	..	..	..	..	..	..	..	1	..	..	11	1	..
October	3	..	1	..	5	..	..	..	..	..	..	..	..	..	3	..	..	10	3	..
November	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	12	..	..
December	7	..	11	..	1	..	2	..	..	..	..	..	..	..	..	..	..	23	..	..
Totals	32	2	42	..	4	..	367	1	34	1	..	..	1	..	4	..	..	500	15	..

Table III

CASES AND DEATHS OF CERTAIN DISEASES FOR TEN YEARS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melese cases dying out of town.

Years	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis				Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1911	20	..	36	1	6	..	129	1	39	..	1	..	3	..	1	..	15	10	..	3	..	..
1912	18	1	17	..	9	1	381	1	94	1	..	..	5	..	..	..	15	10	..	2	1	..
1913	17	2	71	..	7	2	46	..	31	1	4	..	7	..	..	..	22	13	1	2	..	..
1914	86	3	69	5	5	2	29	..	1	..	1	..	6	..	1	..	15	11	1	3	..	..
1915	41	1	62	2	15	..	476	1	16	..	2	..	12	..	2	..	15	13	1	3	1	..
1916	14	1	11	1	14	1	11	..	107	4	17	3	3	..	17	3	22	12	..	..	1	1
1917	85	4	42	..	3	..	290	2	6	..	..	..	16	..	..	..	18	10	..	..	1	1
1918	24	2	20	1	3	1	50	..	10	2	..	..	8	..	..	..	23	10	..	1	1	2
1919	13	3	48	3	3	..	11	..	65	..	..	..	16	..	1	..	13	9	..	1	1	..
1920	32	2	42	..	4	..	367	1	34	1	..	..	1	..	4	..	12	9	..	2	..	3

Table IV
INFANT MORTALITY
(Not Including Stillbirths)

YEAR	AGES													
	Total	Under 1 year	Under 1 day	1-2 days	2-3 days	3 days to 1 week	1-2 weeks	2-3 weeks	3 weeks to 1 month	1-2 months	2-3 months	3-6 months	6-9 months	9-12 months
1920														
January	1												1	
February														
March	5	1				1								
April	2									1				
May	2	1										1		
June	1						1							
July														
August														
September	4	1					1							
October	3	1				1							1	
November	2			1					1					
December	2	2												
Male	12	2				2	1	1						
Female	10	4		1			1		1	1	1			
White	22	6		1		2	2	1	1	2	2			
Colored											3			

INFANT MORTALITY

YEAR 1920

Table VI
CONTAGIOUS DISEASES
Age and Sex

[illegible]

Pneumonia, Lobar	{M}.....	1	2	1	2	1	1	1	1	2	1	2	.....	10
	{F}.....												.....	4
Scarlet Fever	{M}.....	5	2	1	2	1	3	1	1	.....	1	.....	.....	20
	{F}.....	3	4	1	1	1	2	2	.....	.....	.....	.....	.....	22
Suppurative Conjunctivitis	{M}.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
	{F}.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Tuberculosis (Pulmonary)	{M}.....	.....	1	.....	1	.....	.....	2	.....	1	.....	.....	.....	4
	{F}.....	.....	.....	2	2	.....	.....	4	.....	2	.....	1	.....	11
Tubercular Meningitis	{M}.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{F}.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Tuberculosis (Other forms)	{M}.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
	{F}.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2
Typhoid Fever	{M}.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
	{F}.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2
Whooping Cough	{M}.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
	{F}.....	11	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	19

There were no cases reported of Actinomyces, Anthrax, Asiatic Cholera, Cerebro-Spinal Meningitis, Dysentery, Glanders, Hookworm Disease, Leprosy, Malaria, Pellagra, Plague, Rabies, Septic Sore Throat, Small-pox, Tetanus, Trachoma, Trichinosis, Typhus Fever or Yellow Fever.

Table VII
INFANT MORTALITY

Year	Births	Deaths of children under 1 year	Rate of Mortality of children under 1 year per 1,000 of children born
1914	333	22	66.10
1915	393	26	66.10
1916	384	22	56.70
1917	339	23	67.84
1918	430	28	65.11
1919	405	21	51.85
1920	390	22	56.41

There were sixteen stillbirths during the year 1920.

Table VIII

ESTIMATED POPULATION JULY 1, 1920, 18,371 .

	1915	1916	1917	1918	1919	1920
Apparent death rate per 1,000 population	12.58	12.13	15.35	16.00	11.88	12.82
Corrected death rate per 1,000 population	12.00	12.70	15.29	17.00	12.05	12.46

Note.—The corrected death rate is found by eliminating the records of all non-residents dying in Melrose and adding the records of all Melrose residents dying elsewhere, as shown by the records of the City Clerk.

UNDERTAKERS

The following named undertakers have been licensed: Henry W. Clark, John H. Gately, Fred T. Churchill, F. Sears Stetson, Albert J. Walton and Harry F. Ferguson.

BOARDING HOUSES FOR INFANTS

The Board has approved the applications of the following named persons to maintain boarding-houses for infants:—Mary E. Silver, Jennie Ross, Agnes Thomson and Nellie Crosby.

Respectfully submitted, CLARENCE P. HOLDEN
RALPH R. STRATTON, M. D.
WILLIAM A. TOMER

Board of Health

Report of Inspector of Plumbing

January 25, 1921

To the Board of Health, City of Melrose—

Gentlemen:—I submit the following as the annual report of plumbing inspection for the year ending December 31, 1920.

Number of applications received.....	287
Number of permits granted.....	287
Number of sinks installed	132
Number of wash trays installed.....	106
Number of water closets installed.....	217
Number of bath tubs installed.....	124
Number of wash bowls installed.....	173
Number of traps replaced.....	61
Number of urinals installed.....	17
Number of shower baths installed.....	1
Number of floor drains installed.....	7
Number of lead bends replaced.....	5
Number of washing machines installed.....	9
Number of dish washers installed.....	1
Number of potato peelers installed.....	2
Number of pressure boilers installed.....	57
Number of refrigerators connected.....	6
Number of soil pipes renewed.....	2
Number of cleanouts replaced.....	1
Number of old buildings connected with sewer.....	19
Number of old buildings connected with cesspools.....	1
Number of new buildings connected with sewer.....	23
Number of new buildings connected with cesspools.....	8

Respectfully submitted,

ANDREW J. BURNETT Plumbing Inspector

Report of Inspector of Animals

January 21, 1921

To the Board of Health, City of Melrose—

Gentlemen:—I herein submit my annual report as Inspector of Animals for the City of Melrose. The annual inspection of all cattle, sheep, swine, etc., within the city limits, was ordered early in 1920. At that time I examined about four hundred and fifty head of cattle, one hundred and fifty swine, and the premises where they were kept. In several places where conditions were not satisfactory, suggestions for betterment were made which were cheerfully received and satisfactorily carried out.

Many dogs which have injured persons (no doubt in a playful manner), were examined, but I am pleased to state none showed any signs of rabies or other communicable disease.

The dairies which are located in this city, while supplying only part of the milk used, compare very favorably with those of other cities, and even surpass some.

The next annual inspection will be made soon, and I hope even better conditions can be reported.

Respectfully submitted,

CALVERT H. PLAYDON, M. D. V.

Report of Inspector of Milk

To the Melrose Board of Health.

Gentlemen:—The following is my report as Milk Inspector for 1920:

During the year two hundred and twenty-three samples were analysed by the Inspector. Samples were taken from each dealer selling over twenty quarts and analysed chemically and bacteriologically. The results of these analyses are presented in the following tables. As a whole, the results are good. The median count of various dealers is quite gratifying, but the chemical results are in some instances quite poor. Of the eighteen dealers from whom samples were taken, five have averages of total solids which fall below state requirements. The Inspector finds that milk must test at least 3.7% fats in order that the total solids shall be 12.0. The Holstein cow is undoubtedly the rea-

son for the deficiency in total solids. The average producer of milk today is trying to obtain the greatest quantity with minimum expense. The Holstein breed of cattle produce large quantities, but the chemical value of the milk is not so good as that from other breeds.

Owing to the difficulty of travelling in the early months of the year, the Inspector was unable to collect samples during this period. By July sufficient extra samples had been taken to make up the number lost during obligatory idleness.

Respectfully,

H. E. BERGER
Milk Inspector

Table No. I.

*MEDIAN NUMBER OF BACTERIA PER C. C. FOR EACH DEALER
AND CHEMICAL ANALYSIS AVERAGE 1920

Dealer	Median no. of bacteria per Cu. centimeter	No. of samples	% Fat	% Solids
Bloss, W. C.	67,500	12	3.6	11.65
Bucci, John	68,000	7	4.1	12.10
**Forbes Bros.	38,500	24	3.82	12.0
Goldsmith, G. B.	44,000	12	3.8	12.18
**Hood, H. P. & Sons	17,000	24	3.55	11.85
Howard, Mrs. E. J.	19,500	12	4.7	12.20
**Kiley, R. J.	43,000	12	4.35	12.7
Lord, C. G.	58,000	12	3.64	11.83
Manning, J. S.	40,000	12	3.86	12.5
Munn, T. J. & Son.	49,000	12	3.6	12.2
Outram, A. W.	30,000	5	3.8	12.0
Penney, H. J.	60,000	12	3.6	11.83
Quinn, M. J.	31,500	12	3.5	11.92
Roulston, R. R.	58,000	12	3.9	12.4
Spear, Clinton W.	66,000	7	3.8	12.20
Spratt, Mrs. Abbie.	18,500	12	3.8	12.15
**Turner Centre.	17,000	12	3.8	12.1
**Whiting, D. & Son.	38,500	12	3.6	12.0

*Median—The middle term selected after the counts have been arranged in the order of their magnitude.

**Pasteurized.

Table No. II.

PERCENTAGE OF SAMPLES WITHIN CERTAIN LIMITS

Dealer	Excellent Under 10,000	Very Good 10,000-20,000	Good 20,000-50,000	Fair 50,000-100,000	Poor 100,000-300,000	Bad Over 300,000
Bloss, W. C.....	8.3	....	33.3	33.3	25.	....
Bucci, J.....	....	28.5	....	28.5	43.	....
Forbes Bros.	4.15	4.15	54.2	20.8	16.7	....
Goldsmith, G. B.....	25.	....	33.3	33.3	8.4	....
Hood, H. P. & Sons.....	45.9	8.4	20.7	25.	....	....
Howard, Mrs. E. J.....	25.	25.	16.7	33.3	....	....
Kiley, R. J.....	8.3	25.	25.	41.7	....	....
Lord, C. G.....	8.3	....	41.7	25.	25.	....
Manning, J. S.....	25.	8.3	50.	16.7	....	....
Munn, T. J.....	8.3	....	41.8	33.3	8.3	8.3
Outram, A. W.....	....	40.	20.	40.	....	....
Penney, H. J.....	....	....	41.7	25.	33.3	....
Quinn, M. J.....	8.3	16.7	50.	25.	....	....
Roulston, R. R.....	16.7	16.7	8.3	25.	25.	8.3
Spear, C. W.....	....	....	14.3	71.4	14.3	....
Spratt, Mrs. Abbie.....	41.7	16.7	33.3	8.3	....	....
Turner Centre	50.	....	16.7	33.3	....	....
Whiting, D. & Son.....	16.7	8.3	41.7	33.3	....	....

Report of Public Health Nursing Service

INFANT WELFARE

In the past year over one hundred and fifty infants have been visited in the homes. Some of these cases are on our visiting list and follow-up calls are made as long as these can be of assistance to the mothers. Help is given in the care of infected eyes, and instruction in the general care of the baby. Milk has been sent to one family for the baby where it seemed to be needed, and diet lists for children one year, eighteen months and two years of age are provided. These are a help to the mothers when they are changing from milk to solid diet.

Clothing has been given for babies and sometimes for older children which was much appreciated and the mothers are generally grateful for supervision and assistance. A book containing an outline of the fundamental care every baby should receive is provided by the Health Department for the mothers.

Our school work and Infant Welfare work is so closely allied that most every family where there are children or an infant is visited at some time during the year by the nurse.

SCHOOL NURSING

The general routine of the school work does not vary much from year to year. Visiting the schools and the homes, carrying on regular class-room inspection and examination of the pupils, keep me busy during the school hours. Children absent from school on account of illness are visited, and in this way valuable information is obtained which often prevents serious sickness. The same method is used in cases of exclusion, visits are made to see that proper treatment has been received.

The causes for which children are most often excluded, except during epidemics, are the skin diseases and pediculosis.

Pupils in all the grades are showing marked improvement in the care of the teeth.

In many cases small cavities are overlooked in the first permanent teeth, as the children do not complain of toothache. I find very frequently a second tooth coming in out of place because a first tooth has not been removed, and by reminding the parents of this condition the

children are sent to their dentist or to the Page Dental Clinic at the Melrose Hospital, where much valuable work has been done in the past few years. We are not finding as many decayed six-year molars as we did when this work began. The parents have been brought to realize that these are permanent teeth and only early attention can save them.

This year shows the largest number of operations for the removal of tonsils and adenoids.

The attendance and health of the pupils has been remarkable since the opening of school in September. This may be due somewhat to our nutrition clinic, where milk and cookies are served to the children at the morning recess; those who can paying a reasonable price, and those who cannot, but who need it the most, receiving it free of charge. Each child is weighed and measured every month and charts kept which show the gain or loss from time to time. Thus the interest of the children is stimulated and a spirit of rivalry appealed to. We sincerely hope that in the future, by co-operation, better physical condition and less susceptibility to disease, may be attained among the school children.

SUMMER HEALTH AND PLAY SCHOOL

The first Summer Health and Play School of Melrose was held during the summer of 1920 at the Lincoln School and was in session six weeks. This location had many advantages: plenty of play space, good facilities for preparing and serving the lunches, easy access to groves with shady paths for the walks, etc. The school opened July 6th with an enrollment of twenty-two children, eleven boys and eleven girls, ranging in age from six to eleven years of age and selected by the School Nurse. Most of them had lost much time during the school year on account of illness, and all were below the normal standard of health. Many lacked the proper food and care at home as the mothers worked. They came from all parts of the city and all our local nationalities were represented.

The children were examined upon entering and at the time of discharge, and were under nursing supervision and inspection daily. Each child was weighed and measured when entered and weekly thereafter during the school term. A record for each child was kept and at the close a notice was sent to the parents, stating the gain that their child had made during the session, and urging that they continue the work along the lines laid out for them by our health agents.

The attendance was remarkable, the instructor insisting upon this point. For the operation of the school, one instructor, the school nurse and a matron, who prepared the food, were employed. Only one day was lost during the whole term on account of rain.

A hot, nourishing noonday meal was served, besides a mid-morning and mid-afternoon lunch. The daily routine did not vary much, the schedule being about as follows: At nine o'clock the children were assembled in the building and the day was opened with devotional exercises, flag salute, roll call and songs. Physical exercises and games followed on the playground. At ten o'clock hands were washed, a lunch of milk and crackers or cookies served and a toothbrush drill held, each child having been presented with a toothbrush. Then came games, after which the girls were taught to knit, sew and crochet, or share with the boys the swings, shute and teeters. On cool days the children were taken for a walk in the woods before the dinner hour, and after a wash-up the noon-day meal was served, when they learned to like new food, to eat slowly and in proper quantity.

The rest hour followed, which was a vital part of the program. At first this was a strenuous time for the instructor, as none of the children had been accustomed to rest during the day. The habit of sleep or rest was readily acquired, however, and through the kindness of Miss Cook, Superintendent of the Melrose Hospital, the school was loaned the use of ten rugs for the pupils to lie on during the rest hour. Following came games, books or work and the children were dismissed for the day at three fifteen, after a lunch of milk and sandwiches had been served. The gain in weight was as follows: One child gained 3 pounds, three gained $2\frac{1}{2}$ pounds, seven gained $1\frac{1}{2}$ pounds and six gained 1 pound. One boy lost weight and did not gain in strength, and was noticed coughing, so that was reported to the doctor, who, upon examination, placed him at Westfield for a time. Another boy who did not show an increase in weight was examined and a bad condition of the throat was found. With these exceptions, all of the children appeared to have been benefited, and to continue the work after the session closed, milk was sent daily to two of the pupils who seemed to need it most. Through the helpful co-operation of the school principals, milk is furnished daily free of charge to a number of the Summer School children at the morning recess.

Respectfully submitted,

MYRTLE S. MERIAM, R. N.

Public Health Nurse

Report of City Physician

To the Honorable Mayor and Board of Aldermen:

Visits made for the Charity Department:

To patients in their homes..... 298

Office calls 55

Visits made for the Health Department:

To patients in their homes..... 39

To patients at the hospital..... 2

Visits of inspection and consultation..... 131

Office treatment for pupils of the public schools..... 37

Visits for the Police Department..... 7

Vaccinations 45

Examinations by order of the Mayor..... 1

Maternity cases 1

Respectfully submitted,

CLARENCE P. HOLDEN

City Physician

Report of Overseers of the Poor

To the Honorable Mayor and Board of Aldermen, City of Melrose.

Gentlemen:—

The Board of Overseers of the Poor herewith submits its annual report for the year ending December 31, 1920.

PARTIAL SUPPORT

Individuals aided	221
Adults	82
Children	139
Having settlement in Melrose	132
Having settlement elsewhere in State	21
Having no known settlement	68
Families aided	53
Having settlement in Melrose	35
Having settlement elsewhere in State	7
Having no known settlement	11

FULL SUPPORT

Supported in private families	2
Children boarded by the State	8
At Massachusetts Hospital School	3
Supported in Malden City Home	2
Cases discharged	1

APPROPRIATIONS

General Administration	\$1,250.00
Outside Relief by City	4,500.00
Relief by other Cities and Towns	4,000.00
Mothers' Aid	4,500.00
Maintenance in Hospitals	1,000.00

GENERAL ADMINISTRATION

Appropriation	\$1,250.00	\$1,250.00
Salaries of the Board	800.00	
Expenses	289.43	
Transfer to Outside Relief by City.....	150.00	
Excess and Deficiency	10.57	\$1,250.00

OUTSIDE RELIEF BY CITY

Appropriation	\$4,500.00	
Transfer from General Administration	150.00	
Transfer from Relief by Other Cities and Towns	500.00	\$5,150.00
Expended	\$5,144.39	
Excess and Deficiency	5.61	\$5,150.00

RELIEF BY OTHER CITIES AND TOWNS

Appropriations	\$4,000.00	
Less transfer to Outside Relief by City.....	500.00	
Less transfer to Mothers' Aid	500.00	\$3,000.00
Expended	\$2,761.84	
Excess and Deficiency	238.16	\$3,000.00

MOTHERS' AID

Appropriation	\$4,500.00	
Transfer from Relief by Other Cities and Towns	500.00	\$5,000.00
Expended	4,888.82	
Excess and Deficiency	111.18	\$5,000.00

HOSPITALS

Appropriation	\$1,000.00	\$1,000.00
Expenses	978.71	
Excess and Deficiency	21.29	1,000.00

RECEIPTS

Reimbursement from Individuals	\$110.00	
Reimbursements from Commonwealth	2,977.13	
Reimbursements from Other Cities and Towns..	705.06	\$3,792.19

ELEANOR BROWN TOOTHAKER FUND

January 1, 1920	\$1,536.94	
Expended	102.74	\$1,434.20

CIVICS CLASS OF THE MELROSE HIGH SCHOOL

Liberty Bond	\$50.00	
Interest	4.49	\$54.49

GENERAL ADMINISTRATION

	Salary of Clerk	Tele- phone	Office Furnish- ings	Reports and Adv.	Trans- por- tation	Sundries	Total
Jan.	\$7.00	\$1.93	.....	.....	.....	.....	\$8.93
Feb.	14.00	2.33	\$8.10	.....	.....	.....	24.43
Mar.	14.00	1.87	3.96	.....	.....	.....	19.83
Apr.	10.50	6.27	12.52	.....	.....	.....	29.29
May	6.00	6.67	10.00	.....	.....	.....	22.67
June ....	.....	6.53	.....	.....	.....	.....	6.53
July	23.00	2.37	20.00	.....	.....	.....	45.37
Aug.	12.00	1.77	1.00	\$27.00	\$5.00	.....	46.77
Sept.	8.00	2.37	4.94	.....	2.50	.....	17.81
Oct.	11.00	6.08	7.60	.....	1.00	.....	25.68
Nov.	17.00	6.87	.....	.....	.....	.....	23.87
Dec.	11.00	6.40	.85	.....	.....	.....	18.25
Total	\$133.50	\$51.46	\$68.97	\$27.00	\$8.50	.....	\$289.43

OUTSIDE RELIEF BY CITY—1920

	Cash	Food	Rent	Board	Fuel	Clothing	Medicine	Burial	Sundries	Total
Jan.	\$142.00	\$82.12	\$98.79	\$52.00	.....	\$6.45	\$2.25	.....	.....	\$383.61
Feb.	153.00	64.26	97.43	59.00	.....	.....	13.10	.....	.....	386.79
Mar.	201.00	54.39	82.29	59.00	\$167.10	.....	11.24	.....	.....	575.02
Apr.	200.00	56.31	111.86	80.00	.....	20.75	8.60	.....	.....	477.52
May	184.00	21.76	77.00	79.14	.....	2.00	1.80	.....	.....	365.70
June	203.00	29.48	79.00	56.00	18.10	.....	1.95	\$30.00	.....	417.53
July	198.54	30.79	79.00	70.00	.....	.....	1.18	30.00	\$6.00	415.47
Aug.	240.00	30.06	79.00	65.00	7.60	.....	1.60	30.00	.....	453.26
Sept.	191.00	24.16	84.00	78.00	17.70	8.00	3.00	.....	.....	405.86
Oct.	213.50	33.40	84.00	101.00	.....	8.36	.....	.....	.....	440.26
Nov.	215.50	9.37	84.00	97.00	23.55	10.33	3.50	.....	.....	443.25
Dec.	192.00	26.72	87.00	70.00	.....	.....	4.40	.....	.....	380.12
Total	\$2,333.50	\$462.82	\$1,043.37	\$866.14	\$234.05	\$55.89	\$52.62	\$90.00	\$6.00	\$5,144.39

RELIEF BY OTHER CITIES AND TOWNS

	Board of Children	Board in Hospitals	Board in Institutions	Food	Fuel	Cash	Total
Jan.							\$194.86
Feb.		\$24.00	\$184.00		\$10.86		24.00
Mar.	\$416.00		44.57				460.57
Apr.		8.00	259.00				267.00
May							
June	420.56		52.57				473.13
July			214.00			\$24.00	238.00
Aug.		117.43					117.43
Sept.	420.56		14.86				435.42
Oct.		92.00					92.00
Nov.							
Dec.	416.00	43.43					459.43
Total	\$1,673.12	\$284.86	\$769.00		\$10.86	\$24.00	\$2,761.84

MOTHERS' AID

	Cash	Food	Fuel	Total
Jan.	\$413.67	\$5.27	.....	\$418.94
Feb.	430.00	4.93	.....	434.93
Mar.	364.00	10.37	\$6.85	381.22
Apr.	379.00	5.71	.....	384.71
May	428.00	10.37	.....	438.37
June	364.00	5.27	21.50	390.77
July	427.00	5.58	.....	432.58
Aug.	338.00	6.28	.....	344.28
Sept.	403.63	5.74	.....	409.37
Oct.	382.00	5.55	.....	387.55
Nov.	464.36	5.74	.....	470.10
Dec.	396.00	.....	.....	396.00
Totals	\$4,789.66	\$70.81	\$28.35	\$4,888.82

HOSPITAL

January	\$64.91
February	
March	350.85
April	25.72
May	
June	166.36
July	102.72
August	93.50
September	
October	117.65
November	57.00
December	
Total	\$978.71

THE A. C. MARIE CURRIER FUND, 1920

Balance on hand January 1, 1920	\$1,732.64
Received for 1921	\$1,000.00
	\$2,732.64
Expended 1920	\$1,336.83
	\$1,395.81

The Clothing for children of the worthy poor consisted of the following:

- 163 prs. boots
- 172 prs. stockings
- 47 prs. rubbers
- 26 prs. union suits
- 6 waists
- 3 blouses

At Christmas, 1920, dinners were given to 100 families.

From the Melrose Branch, Red Cross, Home Service Department:

- 36 night dresses
- 26 flannel dresses
- 87 flannel petticoats

These garments were made in the several churches and given to the needy families by the Overseers of the Poor.

The conditions relating to the people who receive aid from this department are steadily improving in many respects.

It is interesting to call attention to the fact that the main expenditures have been given to the aged and to the widows with dependent children and also to women who have dependents, whose husbands are sick and unable to work; and to deserted wives who have children to support.

In one section of our work, namely those cases which are commonly known as Mothers' Aid cases, we are aiding at this date, Jan. 1, 1921, fifteen families: eleven are widows, three deserted, and one with a husband who is totally incapacitated. These fifteen women have fifty-nine children depending upon them. The aid given, depends upon the income of the family, the allowance ranging from six to fifteen dollars per week.

No family is being aided if the husband is able to work, except in desertion cases.

There is no doubt that in 1921 there will be a further increase in the department owing to the fact that, despite the large increase last year, there is a growing and insistent demand that aid to mothers with dependent children should be more liberal in order that the growing children be better nourished and cared for.

In other outside aid, such as rents, allowances, board, nursing, etc., there is a large increase.

Many applications have been made to this office for assistance. Upon investigation, we have found that it is not a question of pauper relief, but merely assistance to tide over a short period of time that is needed. In such cases these families are referred to the Community Associates and their wants are attended to by these generous ladies, thereby saving the family from the stigma of having received public aid.

The housing problem is a big factor in this city, especially among the poor, as rents have been increased in every instance.

The members of the Board invite the co-operation of all citizens who are willing to contribute money, food, clothing or furniture for families in need, and especially in aid of families, who, in time of sickness or misfortune, may, by private relief, be prevented from becoming public charges.

We would express our appreciation for the work and service rendered by the City Physician in co-operation with this Board. The Melrose Hospital has also rendered valuable service to our outside poor during the past year.

In presenting this report for 1920, we wish to express our appreciation for the uniform courtesy of the Mayor and the Board of Aldermen.

Respectfully submitted,

ADALINE G. REED,
BERTRAM E. LOVEJOY
THOMAS F. TROY

Overseers of the Poor

Report of Police Department

January 22, 1921

To the Honorable Angier L. Goodwin, Mayor, and the Members of the Honorable, the Board of Aldermen of the City of Melrose.

Gentlemen:

In compliance with Chapter 33 of the Ordinances of this City, I respectfully submit the following report of the doings of the Police Department for the year 1920:

Appropriation:

Salaries and Wages	\$31,137.98	
Expenditures	30,567.55	
	\$570.43	
Transfers	200.00	
Balance		\$370.43

Appropriation:

Other Expenses	\$1,000.00	
Transfer from Ambulance appropriation.....	100.00	
Transfer from Salaries and Wages appropriation	100.00	
	\$1,200.00	
Expenditures	1,171.67	
Balance		28.33

Appropriation:

Horses and care of same	127.74	
Expenditures	127.74	
Balance		00.00

Appropriation:

Equipment and repairs	\$560.00	
Transfer from Ambulance appropriation.....	100.00	
Transfer from Salaries and Wages appropriation	100.00	
	\$760.00	
Expenditures	729.46	
Balance		30.54
Offences for which complaints have been made in Court.....		91

Respectfully submitted,

GEORGE E. KERR

Chief of Police

Report of Fire Department

Melrose, Mass., January 13, 1921

The Honorable Mayor and Board of Aldermen, City of Melrose, Mass.
Gentlemen:—

I respectfully submit the report of the Fire Department for the year ending December 31, 1920.

ORGANIZATION

The number of Companies are as follows: Engine Co. No. 1: Hook & Ladder Co. No. 1; Combination A; Hose Co. No. 4.

FORCE OF THE DEPARTMENT

The Call Force consists of 1 Chief Engineer, 1 Deputy Chief Engineer, 1 Captain, 2 Lieutenants, 22 Privates.

The Permanent Force consists of 2 Captains, 1 Lieutenant, 12 Privates.

EQUIPMENT

- 1 Automobile (Chief's)
 - 1 Pumping Engine
 - 2 Combination Chemical and Hose Automobiles
 - 1 Automobile Hook and Ladder Truck
 - 2 Pungs
 - 1 new Automobile Chemical and Hose Truck
 - 10 Chemical Extinguishers
- The following equipment was condemned:
- 1 Hook and Ladder Truck
 - 1 Steam Engine
 - 1 Hose Wagon
- (All the above horse drawn.)

HOSE

Number of feet of good hose.....	6,000
Number of feet of poor hose.....	250

FIRES

Number of alarms during the year.....	159
Bell alarms	51
Still alarms	108

Nine of the Bell alarms were false.

Number of Buildings Damaged, 20

Value of buildings damaged	\$114,600.00
Insurance thereon	121,100.00
Total damage thereto	11,592.65
Total insurance paid	8,849.65

Contents

Total value of contents	\$435,100.00
Total insurance thereon	481,550.00
Total damage thereto	20,451.95
Total insurance paid	19,836.95

Value of Personal Property in the Department..... \$40,695.00

The personal property is in good condition. The stations are in good repair, with the following exceptions: Hose 4 Station will need to be painted on the outside, the station at the Highlands it would be a waste of money to repair.

Respectfully submitted,

JOSEPH EDWARDS

Chief Engineer

Report of Park Commissioners

To the Honorable, the Mayor and Board of Aldermen of the City of Melrose.

Gentlemen:—

In compliance with the provisions of Section 12, Chapter 28, of the Revised Laws, the Board of Park Commissioners herewith present its eleventh annual report.

The appropriations for the year, together with the expenditures, are given in detail and are as follows:

APPROPRIATIONS

Parks, General Administration:

Salaries and wages.....	\$100.00	
Other expenses	150.00	
Lighting	360.00	\$610.00

Parks and Gardens:

Salaries and wages	\$1,200.00	
Improvements and additions	250.00	
Other expenses	250.00	
Clearing snow Ell Pond and other places for hockey	300.00	\$2,000.00

Playgrounds:

Salaries and wages	\$500.00	
Improvements and additions	100.00	
Other expenses	400.00	\$1,000.00

Messenger's Meadows:

Salaries and wages	\$500.00	
Improvements and additions	1,000.00	\$1,500.00

Bathhouses and Beaches:

Salaries and wages	\$750.00	
Improvements and additions	150.00	
Other expenses	100.00	1,000.00
Total appropriated in Budget		\$6,110.00

EXPENDITURES

Parks, General Administration. Salaries and wages:

Appropriation	\$100.00
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Expended:

Salary for Clerk	100.00

Parks, General Administration. Other expenses:

Balance from 1919	\$84.10	
Appropriation	150.00	\$234.10

Expended:

Postage and carfare	\$11.59	
Postage for report	8.00	
Cuts for report	17.85	
Clasp envelopes	7.55	
Melrose Free Press	4.00	
Art shop, frames for pictures	5.75	
Thorpe, Martin & Co., supplies	6.15	
Copley Press, printing report	97.50	
Rubber stamp (Pack)	.85	
L. Nickerson, mending flags	5.75	
Balance to 1921 account	69.11	\$234.10

Parks, General Administration. Lighting:

Appropriation	\$360.00
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Expended:

Transfer to Messenger's Meadow	\$90.00	
Light bill for 1920	270.00	\$360.00

Parks and Gardens. Salaries and wages:

Appropriation		\$1,200.00
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Expended:

Pay rolls labor.....	\$1,155.50	
Police pay roll	44.40	
To Excess and Deficiency	.10	\$1,200.00

Parks and Gardens. Improvements:

Appropriation	\$250.00	
Transfer from Playgrounds S. & W.....	236.00	
Transfer from B. & B. Salaries and wages.....	32.60	
Transfer from B. & B. Improvements.....	150.00	
Transfer from B. & B. Other expenses.....	94.87	\$763.47

Expended:

Transfer to Playgrounds. Other expenses	\$588.47	
Transfer to Messenger's. Other expenses.....	175.00	\$763.47

Parks and Gardens. Others expenses:

Appropriation	\$250.00
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Expended:

Repairing culvert H. Mann Park	\$12.00	
Horse hire	2.00	
Gibbons Contracting Co., labor	87.00	
Thomas F. Mollins, labor	16.00	
Elmer Swains, snow scrapers	32.00	
F. E. Coyle, hardware	4.19	
Melrose Free Press	5.00	
Marston & Co., supplies	17.79	
L. Nickerson, mending flags	20.32	
Water Department	13.90	
Eastman's Express	.79	
G. P. French, supplies	.75	
Puritan Iron Works	2.10	
A. M. Tuttle & Co., shrubs	31.00	
Kerosene, 10 gallons	1.80	
Repair lawn mower, C. J. Wing	2.00	
Andrew's Market, barrel	1.25	
To Excess and Deficiency	.11	\$250.00

Parks and Gardens. Clearing Snow:

Appropriation		\$300.00
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Expended:

Pay roll	\$43.30	
Transferred to Equipment Account	100.00	
To 1921 account	156.70	\$300.00

Parks and Gardens. Clearing Snow Equipment:

Transfer from Clearing Snow		\$100.00
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Expended:

Perrin, Seamans Co.....	\$29.24	
Ames Implement Co.....	16.16	
Gifford, Woods Co.....	9.90	
Noyes Express	27	
Eastman's Express	1.58	
Balance to 1921 account	42.85	\$100.00

Playgrounds. Salaries and wages:

Appropriation		500.00
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Expended:

Pay roll	\$72.00	
Transfer to Parks and Gardens. Improvements	236.00	
Transfer to Playgrounds. Other expenses.....	192.00	\$500.00

Playgrounds. Improvements:

Appropriation		\$100.00
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Expended:

Deering Lumber Co., lumber	\$20.43	
Transfer to Playgrounds. Other expenses.....	79.57	\$100.00

Playgrounds. Other expenses:

Appropriation	\$400.00	
Transfer from Playgrounds, S. & W.	192.00	
Transfer from Playgrounds Improvements.....	79.57	
Transfer from Parks and Gardens Improvements	588.47	\$1,260.04

Expended:

Thomas F. Mollins, labor.....	\$10.40	
Wright & Ditson	41.26	
Eastman's Express	1.37	
Chester S. Patten, labor.....	14.50	
L. Jas. Nicoll, labor	17.60	
Harry S. Robertson, labor flag poles.....	24.00	
Casey Florist Co.....	71.00	
M. Jas. Hanley, trucking	12.00	
Smith Bros., material	.60	
F. E. Coyle, supplies	46.40	
Dolge Co., weed killer	51.45	
Boston & Maine freight	2.57	
Commonwealth of Mass., flags.....	21.35	
Power lawn mower	345.00	
Pay rolls	90.00	
Water Department	51.73	
Prince Paint Co.	3.75	
Andrew's Market	.25	
Transfer to Messenger's, other expenses.....	20.00	
Marston & Co.	.45	
Balance to 1921 accounts (loan).....	434.36	\$1,260.04

Messenger's Meadows. Salaries and wages:

Appropriation	\$500.00	
Transfer from Messenger's other expenses.....	100.00	
Transfer from Lighting	90.00	
Transfer from Tent Account	160.00	\$850.00

Expended:

Gibbons Contracting Co., labor.....	\$22.85	
Thomas F. Mollins, labor.....	65.00	
Pay rolls	760.37	
Balance to Excess and Deficiency.....	1.78	\$850.00

Messenger's Meadows, Other Expenses:

Appropriation	\$1,000.00	
Appropriation, supplementary budget.....	500.00	
Transfer from Playgrounds, Improvements	175.00	
Transfer from Playgrounds, Other Expenses	20.00	\$1,695.00

Expended:

M. James Hanley, trucking	\$9.65	
Hub Wire Company, netting	90.30	
Eugene McCarthy, mason work	69.90	
T. D. Murphy, grading	538.84	
Wright & Ditson	71.11	
Eastman's Express	8.94	
Deering Lumber Co., lumber	53.23	
Chester S. Patten, carpenter work	281.33	
G. A. McCormack Land Co., gravel	15.00	
Edwin P. Adams, landscape architect	106.00	
R. H. Curry & Co., plumbing	30.77	
Fred W. Smith, carpenter work	7.50	
Goss Bros., bag of salt	1.90	
Frank E. Coyle, supplies	8.31	
Transfer to Messenger's salaries and wages....	100.00	
T. H. Holoway, cutting grass	10.00	
Prince Paint Co., paints	4.88	
L. J. Nicoll, labor repairing	1.75	
W. Turner, keys	.70	
G. P. French, supplies	.65	
J. A. Sheridan, labor and team	4.00	
Gibbons Contracting Co., labor and team	18.75	
R. H. Curry & Son., plumbing	2.63	
Breck Bros.	.99	
A. Winslow, rope	23.76	
Harold Evers, keys	1.05	
J. L. Westhaver, carpenter work (bleachers)....	18.00	
Water Department, water pipe laying	214.71	
Balance to Excess and Deficiency	.35	\$1,695.00

Bathhouses and beaches. Salaries and wages:

Appropriation	\$750.00
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Expended:

Pay rolls	\$717.40	
Transfer to Parks and Gardens, improvements..	32.60	\$750.00

Bathhouses and Beaches. Improvements:

Appropriation	\$150.00
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Expended:

Transfer to Parks and Gardens, improvements..	\$150.00	\$150.00
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Bathhouses and Beaches. Other expenses:

Appropriation		\$100.00
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Expended:

Andrew's Market	.30	
Frank E. Coyle, supplies	4.83	
Transfer to Parks and Gardens, improvements..	94.87	\$100.00

Bathhouses and Beaches. Tents:

Appropriation		\$300.00
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Expended:

Rental of tents	\$140.00	
Transfer to Messenger's, salaries and wages....	160.00	\$300.00

Hockey Rink Account:

Appropriation		\$500.00
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Expended:

Hub Wire Co., wire netting	\$9.25	
Deering Lumber Co., stakes	1.44	
Prince Paint Co.	2.03	
Pay roll to Jan. 11, 1921, inclusive.....	58.50	
Balance to 1921	446.78	\$500.00

THE WORK OF THE YEAR 1920

The Board of Park Commissioners do not feel very proud of their progress this year on our Parks, as to improvements and additions, we have kept them looking as well as possible with what we had to do with, but it was not to be expected that we could get all the money necessary to do all we would like to do, but we feel that at Messenger's Meadow and also the Hockey Rink, enough has been accomplished to show that playgrounds are appreciated by our young citizens and as they are to be our mature citizens later, we hope to be able to do our part towards fitting them for good healthy citizens, mentally and physically, and we will so far as the city's finance will allow us, to work to that end.

Our work this year has been on the development of some and maintenance of the following areas:

Lincoln Playground, Melrose Common, Ell Pond Park, Bathhouse site, Messenger's Meadows, Horace Mann Park, Ell Pond embankment, Sewell Woods Park.

MESSENGER'S MEADOWS

There has been considerable progress made on the development of this playground, and it has been in use continually, a large share of our appropriation was expended at this spot and we feel that good results were obtained from the outlay, if a playground is used all day, every day and evenings during the summer vacation then there can be no question of the success of that playground, we propose putting up more apparatus this year and expect to be able to take care of more young people and keep them occupied, the commission would like all our citizens to see this place when in full drive, so that they can see what it means to have playgrounds. We have three Tennis Courts at this playground, two were there before the Meadow came under control of the Parks, and one that was constructed during the past year, besides the ball diamond was greatly improved, the bathing pool has been filled and other improvements will be completed during the coming season.

MELROSE COMMON

We still adhere to our original plan to do away with this spot as a playground and make of it instead a public garden and as such it will, we believe, benefit that whole section and the city itself; there are wonderful possibilities for a public garden there, and know it would be appreciated by all and used more in that capacity than it is as a playground, and we believe that there is a lot of opposition to a playground in that locality and naturally would be in any section so thickly settled in such close proximity to the noise that is a natural part of any kind of play. We have kept this place trimmed and looking well this year, but have not encouraged the playground idea at all.

HORACE MAN PARK

This part of the area has been well kept up as a restful park and garden and am sure has given pleasure and rest to those who have used it, and also it has been a pleasant sight to the many who pass it going to and from the Wyoming Station, and shows on a small scale just what a public garden would be like were we able to make our Common into one.

LINCOLN PLAYGROUND

Nothing was done on this playground in the way of improvement or addition. We kept it cleaned up and there was some use made of it as a baseball grounds, but no regular games were played. The most

that can be said of this area is that it is a big addition to the Lincoln School yard, and is far enough along to show what a splendid recreation place this will be when we can get it finished with a better entrance from Pleasant Street and the apparatus that is needed.

ELL POND PARK

It is the same story every year on this area. There is so much that could be done if we only could afford it, but that stumbling block, if, in this case an unsurmountable barrier when you consider that to carry out the original plans of this commission you would have to have at least \$16,000 it rather takes your breath, and yet some time it will be accomplished. It is too well adapted for the purpose originally planned to lay idle many years. Could a more suitable spot be found for an athletic field than north of the Boulevard, easy of access from all parts of the city and far enough away so that it could annoy none? But this would cost in the vicinity of \$12,000. Then comes Crystal Street that must some time be put in shape to the Knoll and from the Knoll along the north side of the pond and to the West to Tremont Street. When one stops and thinks what could be done for not such an impossible sum of money around that pond, it makes one wish that he could pass the hat around in some millionaires' club and then make of this pond and surroundings the most perfect beauty spot in any city in the world, and it could be done and will be sometime, carrying out the original plans of the Park Commission as set forth in our earlier reports.

ELL POND EMBANKMENT

This part of our park system has been carried along almost to completion and we hope to complete this work during the next few months, which means to finish loaming and planting on the ice house property, constructing a new dam at the outlet of the pond, raising the water about a foot, building a hood over dam and carrying lower walk along to the dam, with steps up over and onto the ice house plot; also carrying the fence along to the westerly end, and last finish the walk out to West Emerson Street, making a path that will be inviting and plainly marking this entrance to this area. We believe when this is done we can safely say one part of our work is finished and it will certainly be such an improvement that no one who visits this spot will begrudge the money we have spent. This, of course, is the most conspicuous part of the whole system and should be completed. We hope to be able to do this work during the coming season.

SEWALL WOODS PARK

This will some time be a beautiful spot. It is far from unsightly now, but of course it is rough and needs a lot of work; also planting of new trees. There is a lot of new building going on the westward and a lot more planned, and we cannot delay too long finishing this work which will make a very beautiful spot. If we can only finish one place each year and maintain it all as we go along; that is, not let any place go back, some time Melrose will be the most attractive city around Boston.

BATHHOUSE AND BEACH SITE

This place was used some during the last summer for bathing, but only about twenty per cent. of the bathers as in former years when we had a bathhouse. After demolishing the old bathhouse on account of its condition, we used tents from the 14th of July to the 31st of August, and it was not so very popular and are wondering just what should be done this coming summer. It is too bad we can't have some sort of a bathhouse. It is badly needed and with the impetus hockey is giving winter sports this year it would seem that some time soon we should be thinking of a building to take care of the summer bathing and the winter sports on the ice, similarly to our plans of a year ago. Let us hope so and soon.

MELROSE

For a very long time Melrose has been called a Spotless Town. Just what that gets a city or its people to be called that is more than anyone can explain, but if Melrose or any other city can be called a city of beautiful spots, one can readily see what that means by driving or walking around and viewing same, your commission would rather get these few spots in shape so that Melrose would or could rejoice over the later name than to guess how much she was entitled to the former. Anyone and everyone likes to see the name of their city in the papers—no matter if we cannot always believe the papers. Of the vast number of Melrose readers of the daily papers we venture to say that almost one hundred per cent. of them were proud to see in the past few weeks the clippings concerning our Hockey Rink and the games, and of course we were all proud of our boys. We call them our boys for while they were defending the Honor of Melrose against all

comers in this hockey, the most spirited games that one can witness, they were our Melrose boys, and you could not help feel an ownership in them and be proud of them and believe that all such recreation is a wonderful thing for them and hope that we shall be able to help still more in a building near this rink, a permanent and attractive one, and this drives our thoughts back to the proposed bathhouse, to build both for the summer sports as well as winter. We don't want to seem to be pushing our ideas along too fast, but hope sincerely that in bringing up this matter that if it don't get just the results we are urging it may draw from some one a plan that we can afford to put through, then we would have our blood quickened very often by what we would read and hear of our city with beautiful spots. Let us be known by something more than that best hockey team—proud as we are of that. Let them say Melrose is the cleanest and most beautiful city anywhere and best of all let us look at it ourselves.

If there is anything different or better than your commission plans to bring in new people, to put up new homes, to make our city grow and increase our revenue by new taxable property, we don't know what it is. The only other thing that could possibly give us this increased revenue—we hate to think of it—for it is manufacturing plants, and we don't want them with us, no matter how well they look elsewhere or how much good they may do us where they are.

We urgently request that we be granted the appropriations asked for in our communication to His Honor the Mayor.

Respectfully submitted,

R. A. PERKINS,
H. N. VAUGHN,
A. F. EVERS,
ADDISON L. WINSHIP,
GEORGE J. FOSTER,

Board of Park Commissioners

REPORT OF TREASURER OF PINE BANKS PARK 1920

Receipts:

Balance from 1919.....	\$538.96	
City of Malden	2,000.00	
City of Melrose	2,000.00	
Interest	25.70	\$4,564.66
Wages of employees	\$2,748.65	
Stable expense	261.50	
Hardware and plumbing	88.38	
Telephone	38.00	
Bulbs and seeds	83.93	
Insurance	39.21	
Cities—Malden and Melrose	21.76	
Teaming and blacksmith	26.00	
Repairing building.....	250.84	
Jordan Lumber Co.....	23.40	
Expense of Zoo, feed, etc.....	326.55	
Expenses (minor)	55.31	3,963.49
Balance		\$601.17

WM. D. SERRAT,
Treasurer

Report of the Board of Survey

To His Honor the Mayor and the Honorable The Board of Aldermen,
Melrose, Massachusetts.

The Board of Survey has held several meetings during the past year. Tracts of land that are being developed or are likely to be developed in the near future have been inspected. Tentative plans for certain street extensions in connection with the possible laying out of new building sections have been discussed.

The Griswold Land Company has had several interviews with the Board in connection with the development on the east side of Main Street at the Wakefield Line. After modifying their original plans by adopting certain changes which the Board suggested, plans and profiles of Griswold Road, Hawley Road and Damon and Hawes Avenues were submitted for approval. In connection with this petition a public hearing was given at the Public Works Office, City Hall, Dec. 27, 1920. Final action upon this matter is still pending.

RECEIPTS AND EXPENDITURES

Appropriation	\$50.00
Expended:	
Advertising	5.28
Balance	\$46.72

E. COPELAND LANG, Chairman
WM. N. FOLSOM
D. E. WATERHOUSE

Board of Survey

GEO. O. W. SERVIS, Clerk

Brown Tail and Gypsy Moth

January 31, 1921

Honorable Angier L. Goodwin, Mayor, City of Melrose:

In accordance with the provisions of Chapter I, Section 53 of the City Charter, I hereby submit the Annual Report of the Moth Division.

The insect pest condition throughout the entire city shows a slight improvement regarding the cost of suppression because of the scarcity of the Browntail Moth, thus eliminating very largely, the great expense of climbing, to the extreme top, every city tree in Melrose.

The Gypsy Moth is still on the job and shows no disposition to quit, a slight increase being noticed this year.

The Leopard Moth, our worst pest because the most difficult to fight, is doing a lot of damage to most of the street trees as well as those on private estates; individual owners making little or no effort to destroy this terrible borer.

The imported Elm Leaf Beetle is on the increase as it seems to be becoming acclimated after twenty-five years' association with our Melrose elms. It will be good policy to band the elms again this year, the bands having been removed for two years past, thus giving the covered spaces a good chance to breathe and heal.

The Tent Caterpillar was not much in evidence during the year 1920 and it is not supposed that we will be troubled much with this pest this year.

Complaints are constant regarding low-hanging, over-hanging and dead-hanging branches, which are complained of as being dangerous to the public safety. Much trimming of dead, interfering and useless branches should be undertaken at once, as soon as the leaves shoot.

The City of Melrose needs a new spraying machine in order to properly spray the trees; spraying being considered the most efficacious means of combating leaf-eating insects. All our spraying apparatus is old and worn and only in the way. All equipment suffers because of age, lack of proper housing, and the convenience of decent care and repair.

The Oyster Scale is making itself felt among the orchards of the city and deserves the attention of everyone in any way interested in fruit. This small insect is so prolific that from a few scattered scales we soon have a general infestation.

The following is the financial statement:

Appropriation Brown Tail and Gypsy Moth	\$1,750.00
Refund (Burke)	32.85
	\$1,782.85
Expended	\$1,778.29
Balance	\$4.56
 Appropriation Private Work	 \$350.00
Expended	311.12
Balance	\$38.88
 Appropriation Other Insect Pests	 \$1,000.00
Expended	992.15
Balance	\$7.85

Respectfully submitted,

JOHN J. McCULLOUGH,

Local Superintendent

Report of Public Library Trustees

To His Honor, Mayor Angier L. Goodwin, and the Honorable Board of Aldermen:

Gentlemen:—

The Trustees of the Melrose Public Library submit the following report for the year 1920, being the twentieth annual report to the City Government and the fiftieth since the establishment of the library.

It was with much regret that the Board of Trustees accepted, on account of failing health, the resignation of Miss Carrie M. Worthen, who for forty-eight years had been the devoted librarian of the Melrose Public Library. It is the hope of the Trustees that the Legislature will authorize the City Government to grant a pension to Miss Worthen, in recognition of her long and faithful term of service. A short leave of absence was granted Miss Worthen, at the expiration of which a new librarian was chosen.

The selection of a new librarian might well have been considered a difficult problem had it not been for the fact that Miss Elsie M. Hatch had for eight years served so efficiently as assistant librarian that the Trustees, by a unanimous vote, appointed Miss Hatch as librarian.

The resignation of Miss Alice G. Worthen, assistant librarian, was received and accepted to take effect October the first, 1920.

Miss Dorothy Kohl of Melrose Highlands, who is at present in the children's room at the Public Library in Waterbury, Connecticut, has been appointed assistant librarian and will assume her new duties at the Melrose Public Library on February first, 1921.

It is extremely gratifying to the Trustees to be able to report that the circulation of the main library and the branches has increased materially over the preceding year, proving that the people of Melrose are embracing the privileges which the library affords.

The opening of the library on Sundays has been much appreciated as shown by the ever increasing attendance.

To relieve confusion at the main desk in the library it was thought advisable to receive and distribute the juvenile books from the children's room and a clerk was placed in charge of this work with most satisfactory results.

A gift of five etchings by celebrated artists has been made to the library from the estate of Mrs. Jane N. Grew.

The library is at present laboring under a serious difficulty regarding the Highlands Branch. In the summer of 1918 this branch was removed at the request of the School Committee from a room in the Whittier School to a basement room of the Franklin School at an expense to the City of upwards of \$650.00, expended chiefly for repairs and equipment in the Franklin schoolroom and it was understood that the branch was settled there for at least five years, but now the School Committee find that they need this room and have requested the Trustees to remove the branch. As no new quarters are available the Trustees are confronted by a serious problem. About 1,200 people use the Highlands Branch and the circulation in 1920 was 24,057. It seems therefore, out of the question for the library to abandon the service which the Highlands Branch is rendering to our citizens. The only practical solution seems to be for the City to secure permanent quarters for the branch and your attention is called to the need in the hope that something of the kind will be done to prevent the recurrence of a situation which each time will become more serious.

Your attention is called to the accompanying report of the librarian.

PAUL STERLING, Chairman
MARY C. BARTON, Secretary
NEIL A. DRIVER
FRANK W. CAMPBELL
CHARLES E. FRENCH
CLARA G. MULDOON

Trustees

Report of the Librarian

To the Trustees of the Melrose Public Library:—

It is with some difficulty that the present librarian reports to you for the work of the year just passed, and if I may, I will give it to you from the viewpoint gained from the charging desk.

The circulation of books and magazines has been about as usual, with a slight gain in the reading of non-fiction. The past year has shown an increased interest in vocational work, and the calls for books on industries and business methods have been numerous. Books on American history and Americanization have also been in much demand both from the stacks and the children's room.

The lists of new books posted in the reception hall have helped the people to keep in touch with the books as they are added. There is a constant call for late bulletins.

Our reference work, as usual has been heavy, especially with the school. Reserve collections were made for high school classes, and the debating teams made good use of the reference room and bound magazines. Subjects of all kinds were looked up, the most frequent calls being for information along social and industrial lines. There is an increasing use of the reading room for just quiet reading of the magazines.

The branches did their usual good work. All except one made substantial gains in their circulation over the preceding year, showing that they were really needed by the people who live at some distance from the library.

In June there was provision made for a special assistant for the children's room, and Miss Miriam Simpson was put there. The result fully justified the experiment. The children are much happier having their own assistant, the children's room is better cared for, the work at the central desk is more satisfactory and the order of the whole library is improved. Miss Simpson seemed especially adapted to children's work, and when she found it necessary to leave us the last of December, the library lost a faithful and valuable employee. In the near future, I hope to be able to find a way to conduct a story hour for the children's room.

The daughters of the late Colonel Hesseltine, a long time resident of Melrose, very kindly gave their father's library (between three and

four hundred volumes) to the Melrose Library, as a memorial to Col. Hesseltine. The books will be appropriately marked with a bookplate bearing Col. Hesseltine's name, and kept all together on shelves provided for them. This gift makes a valuable addition to our library.

For the past three months the force has been very limited, making the work somewhat unsatisfactory. Too much cannot be said in appreciation of the patience of the public, the faithfulness of the high school girls who are assisting, and their willingness to do everything possible. We are looking forward with anticipation to the coming of Miss Kohl to join our staff, and we see no reason why the coming year should not see splendid things done for the library and its patrons.

ELSIE M. HATCH

Librarian

STATISTICS

Main Library

Adult	40,610	
Juvenile	13,424	
Total		54,034
29¾% Non-fiction		
70¼% Fiction		
24¾% Juvenile		

Highlands Branch

Adult	15,460	
Juvenile	8,597	
Total		24,057
11% Non-fiction		
89% Fiction		
36% Juvenile		

Wyoming Branch

Adult	9,432	
Juvenile	4,917	
Total		14,349
28% Non-fiction		
72% Fiction		
35% Juvenile		

East Side Branch

Adult	4,501	
Juvenile	2,125	
Total		6,626
33% Non-fiction		
67% Fiction		

Ward 7 Branch

Adult	4,179	
Juvenile	1,724	
Total		5,903
39% Non-fiction		
61% Fiction		
29% Juvenile		
Whole circulation for Main Library and Branches.....	104,969	
Number of volumes in library at beginning of year.....	24,413	
Number of volumes added by purchase.....	1,641	
Number of volumes added by gift.....	87	
Number of volumes added by binding.....	23	
		26,164

Report of Treasurer of Special Funds, Melrose Public Library, for year ending December 31, 1920:

William Emerson Barrett Fund

January 1, 1920—by balance		\$153.63
January 1, 1921—by interest		6.97
December 31, 1920—to balance	\$160.60	
	\$160.60	\$160.60

Horatio Nelson Perkins Fund

January 1, 1920—by balance		\$712.90
January 1, 1921—by interest		32.40
December 31, 1920—to balance	\$745.30	
	\$745.30	\$745.30

William Bailey Fund

January 1, 1920—by balance	\$3,081.59	
November 1, 1920—by interest	80.94	
January 1, 1921—by dividends.....	50.79	
December 31, 1920—to balance	\$3,213.32	
	\$3,213.32	\$3,213.32

Catalogue Fund

January 1, 1920—by balance	\$471.76	
December 31, 1920—by deposits	480.68	
December 31, 1920—by dividends	18.37	
January 30, 1920—to books purchased.....	\$177.98	
February 24, 1920—to postal cards	15.00	
September 20, 1920—to Peerless Supply Co. for binders	176.56	
September 20, 1920—To Melrose Free Press for reports	24.00	
December 31, 1920—to balance	577.27	
	\$370.81	\$970.81

Duplicate Library Fund

January 1, 1920—by balance	\$40.41	
December 1, 1920—by deposits	27.80	
January 1, 1921—by dividend	.17	
October 9, 1920—to books purchased.....	\$53.72	
January 1, 1921—to balance	14.66	
	\$68.38	\$68.38

CHARLES E. FRENCH

Treasurer.

Report of Agent for Soldiers' Relief

To His Honor, the Mayor, and the Honorable Board of Aldermen,
Melrose, Mass.

Gentlemen:—

I herewith submit the report for the State Aid, Soldiers' Relief and
Burial Departments for 1920.

STATE AID

Civil War	\$2,346.00
World War	160.00
Military Aid	380.00

SOLDIERS' RELIEF

Cash Orders	\$2,111.00
Rent	120.00
Medical Attendance	89.85
Medicine	73.40
Fuel	765.76
Taxi for widow	1.00
	\$3,161.01
Other expenses	66.39

Respectfully submitted,

MARY A. KENAH

Agent

Report of Sealer of Weights and Measures

To His Honor, the Mayor, and the Board of Aldermen, City of Melrose,
Mass.

Gentlemen:—

I have the honor to submit to you the Annual Report of the
Weights and Measures Department, for the year ending December 31,
1920.

SCALES ADJUSTED

	Adjusted	Sealed	Non-Sealed	Condemned
Platform, over 5,000 lbs.....	7			
Platform, under 5,000 lbs.....	3	43	5	1
Counter Scale	2	74		0
Spring Balance	4	67		5
Computing Scales (platform)..	4	29		
Computing Scales (hanging)..	1	2		
Prescription Scales		5		
Weights (Averdupois)		437		
Dry Measures		3		
Liquid Measures	4	40		1
Oil Measuring Pumps	3	32		
Molasses Measuring Pumps ..		4		
Yard Measures		27		
Total	23	770	5	7

Trial Weighing and Measurements on Wagons and in Stores

	Tested	Correct	Under	Over
Coal in wagons	14	3	5	6
Coal in paper bags	70	70		
Ice	5		3	2
Flour	138	138		
Butter	52	52		

Dry commodities	170	170		
Bread	264	264		
Gasolene and oil	40	40		
Confectionery	20	20		
Meats	2	2		
Fruit and vegetables	360	354	4	2
Grain and feed	10	10		
Milk	4	4		
Total	1149	1127	12	10

Inspections Made in Stores and Wagons

Hawkers and peddlers	8
Stores	67
Junk dealers	10
Ice wagons	5
Coal certificates	14

Total 104

Fees received for sealing and adjusting	\$58.15
License fees collected	70.00
Total paid to City Treasurer	\$128.15

Respectfully submitted,

FREDERICK G. STOREY

Sealer of Weights and Measures

Twenty-First Annual Report
OF THE
Public Works Department



GEO. O. W. SERVIS

Engineer and Superintendent

CITY OF MELROSE

MASSACHUSETTS

1920

ORGANIZATION

1920

Mayor**HON. CHARLES H. ADAMS****Engineer and Superintendent****GEORGE O. W. SERVIS****EMMA L. LEIGHTON,**
Stenographer**AMY F. BARRY,**
Clerk**BLANCHE E. NICKERSON,**
Asst. Stenographer**WILLIAM H. MARTIN,**
Bookkeeper**PATRICK G. DECOURCY, Timekeeper****Assistant in Charge of Water Division****JAMES McTIERNAN****Assistant in Charge of Highways, Sewers and Drains****WALTER J. LORD****Engineering Division****CHARLES F. WOODWARD****Assistant****ALBERT J. WAGHORNE****WILLARD THOMPSON****JOHN F. RAND****RICHARD T. RICKER**

Report of Public Works Department

To His Honor, the Mayor, and the Board of Aldermen.
Gentlemen:—

I submit the following report of the Public Works Department for the year 1920.

REPORT OF THE PUBLIC WORKS DEPARTMENT

This Department has the general care of all public highways (streets, sidewalks, trees), construction of new streets and sidewalks, street lighting, street sprinkling, street cleaning, collection of ashes, streets signs and house numbering, and all work connected with the sewer, surface drainage and water system, all engineering work relating to the above and Wyoming Cemetery, care of City Hall and Memorial Building, and the placing of insurance on city property.

PUBLIC WORKS OFFICE

Contracts have been made for tar concrete and granolithic sidewalks, edgestones, sodding, Main Street improvement. Minimum rate and excess water bills and summonses have been made and delivered. Sewer connections, water services, and individual sidewalks have been estimated and billed. Estimates have been made for the Board of Aldermen and committees as requested. Sidewalk assessments, sewer assessments and apportionments, betterment assessments and street watering assessments have been made.

All engagements of the City Auditorium and Memorial Building have been booked and bills rendered, and insurance placed on all city property. One hundred and sixty-three permits have been given to open and occupy streets.

SALARIES AND WAGES

Appropriation	\$4,125.00	
Expended		
Salary, Engr. and Supt. Public Works.....	\$2,625.00	
Clerical Services, General Office.....	1,231.08	\$3,856.08
Balance		\$268.92

OTHER EXPENSES

Appropriation	\$900.00	
Less Transfer to City Hall	200.00	\$700.00
Collection by Treasurer.....		3.10
		\$703.10

Expended

City Maps	\$108.90	
Use of automobile	125.00	
Schoolhouse inspection	33.00	
Printing Public Works Dept. Report	45.00	
Stamps, stationery and sundries	290.44	
Telephone service	35.26	
Advertising	25.90	
Recording deeds, etc.	31.61	\$695.11
Balance		\$7.99

WATER DIVISION

Cement mains on Orris Street from Garden Street to Walton Park, Renwick Road from Richardson Road to the Wakefield Line were replaced by Cast Iron Pipe and at a lower depth, and Upland Road main extended.

Fifty new services were laid and one service abandoned.

Hydrants and Gates

No additional hydrants have been placed. One hydrant was abandoned. Hydrants are maintained by this Department.

Seven gates have been placed and one abandoned.

Water Meters

Fifty-three meters have been installed and twenty removed. Twenty-three meters were placed on new services put in the past year. Ten meters were added to existing services already metered and twenty meters added to services previously put in but not metered.

Maintenance and Operation

The entire system of mains, services, hydrants, water meters, etc. has had careful attention, and the necessary repairs and changes have been made. Following are some of the items:

- 7 services in private premises cleaned.
- 27 joints in iron pipe repaired.
- 44 service leaks in street repaired.
- 33 services in street cleaned.
- 7 breaks in cement pipe repaired.
- 29 services in street renewed with lead.
- 5 services in street renewed with lead lined.
- 28 services in private premises renewed with lead.
- 5 services in private premises renewed with lead lined.
- 28 gates repacked.

Hydrants have been oiled, repaired, painted and kept free from snow and ice. The Table of Relay gives length, size, etc., of cast iron pipe used to replace defective or small cement pipe. There still remains about ten and seventy-three one hundredths (10.73) miles of cement pipe that should be replaced by cast iron pipe as soon as possible.

Total Pipeage of the City

Length in feet $\frac{3}{4}$ inch pipe.....	1,363
Length in feet, 1 inch pipe.....	2,105
Length in feet, $1\frac{1}{2}$ inch pipe.....	375
Length in feet, 2 inch pipe.....	6,476
Length in feet, 4 inch pipe.....	55,209
Length in feet, 6 inch pipe	153,434
Length in feet, 8 inch pipe	25,731
Length in feet, 10 inch pipe.....	20,334
Length in feet, 12 inch pipe.....	23,697
Length in feet, 14 inch pipe.....	3,024
Length in feet, 16 inch pipe.....	5,223

Total	296,371
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Length of cast iron pipe, 239,702 feet or 45.40 miles.

Length of cement pipe, 56,669 feet or 10.73 miles.

Total miles, 56.13.

Number of services in use	4,271
Number of meters	4,419
Number of fire hydrants	383
Number of gates on mains	688
Number of stand pipes for street sprinkling.....	33
Number of watering troughs	2
Number of ornamental fountains	3
Number of drinking fountains (bubblers)	9
Number of fire services	20

WATER CONSTRUCTION—1920

LOCATION	Cast Iron Pipe Laid		Gates	
	Length Feet	Size Inches	No.	Size Inches
Griswold Road at Main St....	11	6	1	6
Hawley Road at Main St....	19	6	1	6
Holland Road at Hydrant....	.....	.....	1	6
Orris Street at Warren St....	.....	.....	1	6
Orris Street at Mendum St...	4	6	1	6
Renwick Road at Hydrant....	.....	.....	1	6
Upland Road Extension, easterly	60	6	.....	.....
Proposed Street off Main St.	12	6	1	6
Totals	106	.....	7	.....

WATER RELAY—1920

LOCATION	Cast Iron Pipe Laid		Pipe Abandoned		Kind
	Length Feet	Size Inches	Length Feet	Size Inches	
Holland Road	8	6	8	6	cast iron
Orris Street	333	6	333	4	cement
Orris Street	11	8	11	4	cast iron
Renwick Road ...	376	6	376	4	cement
Richardson Road ...	190	6	Lowered	.....	cast iron
Sears Avenue	155	6	Lowered	.....	cast iron

WATER ASSESSMENTS AND CONSUMPTION

The annual assessments paid by the City of Melrose as its proportional part of the cost and operation of the Metropolitan Water Works are given below:

Year	Total
1898.....	\$2,332.94
1899.....	4,921.63
1900.....	6,740.49
1901.....	12,546.32
1902.....	14,434.93
1903.....	17,815.34
1904.....	19,722.73
1905.....	20,478.53
1906.....	25,230.09
1907.....	26,971.19
1908.....	28,693.90
1909.....	24,523.38
1910.....	19,640.91
1911.....	21,200.58
1912.....	20,978.01
1913.....	22,684.86
1914.....	22,647.92
1915.....	19,321.32
1916.....	18,936.29
1917.....	18,835.83
1918.....	20,222.33
1919.....	22,670.68
1920.....	23,153.10

The average daily per capita consumption (gallons) of water in Melrose, as recorded by the Venturi meter, operated by the Metropolitan Water Works is shown for the years 1907-09 and 1917-20.

1907	1908	1909	1917	1918	1919	1920
118	89	63	51	66	58	61

In 1908 general metering of the City was commenced and in 1909 practically all services were metered. All new services are metered when put in use. Tables show saving made by metering.

CONSTRUCTION

Balance Jan. 1, 1920.....	\$10,789.28	
Less Appropriation for Ell Pond Park	1,500.00	\$9,289.28

Expended

Services:

Stock and insurance	\$897.04		
Labor and teams	1,526.81	2,423.85	

Meters Installed:

Stock and insurance	\$53.38		
Labor and teams	85.41	138.79	

Main Lines:

Stock and insurance	\$1,090.34		
Labor and teams	1,340.51	2,430.85	4,993.49

Balance			\$4,295.79
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MAINTENANCE

Appropriation			\$20,000.00
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Expended

Services, maintenance and repairs	\$3,166.88		
Relay main lines	2,307.07		
Maintenance and operation main lines	1,656.22		
Maintenance and operation hydrants	744.84		
Meters, reading	2,257.00		
Meters, remove and repair	1,539.54		
Salaries and general account	3,335.94		
Hardware and sundries	431.20		
Stamps and stationery	372.41		
Telephone services	111.60		
Stock, labor and insurance	245.06		
Travellers Insurance Co.	188.76		
Rent of yard	161.91	\$16,518.43	
Balance		\$3,481.57	

INSIDE SERVICES AND CHARGES

Total receipts	\$4,219.19		
Less refunds	598.85	3,620.34	

Expended

Payrolls, insurance and tools	\$1,825.22	
Stock and teams	1,752.40	
Overdraft 1919	42.72	3,620.34

Stock Account

Stock on hand Jan. 1, 1920.....	\$7,985.55	
Stock purchased 1920	4,435.26	
Stock, labor and yard rent.....	398.70	\$12,819.51

Credit

By stock charged other accounts	\$4,138.38	
By stock maintenance account	1,523.09	5,661.47
Balance		\$7,158.04

Cost of System

Construction to Jan. 1, 1920	\$509,470.88
Construction 1920	4,993.49
Total cost to Jan. 1, 1921	\$514,464.37

Water Rates**Received by Treasurer:**

1914	\$19.75	
1915	2.25	
1916	10.00	
1917	25.43	
1918	94.28	
1919	8,118.91	
1920	43,483.62	
	\$51,754.24	
Summons	105.60	\$51,859.84
1920 rates as billed.....		\$53,534.67

HIGHWAYS

Main Street.—The contract was awarded Simpson Brothers Corporation for the construction of the Hassam Compressed Concrete Pavement from the end of the pavement laid in 1913 near Porter Street to the Wakefield Line. Construction was commenced April 29 and completed September 9. This was a much needed improvement and the pavement on Main Street is a credit to the City.

On account of recent legislation relieving Street Railway Companies from paving tracks, new construction, etc., the Railway Company would not renew the rails and paving, or repave between and in the tracks, or change the grade of the tracks, and only repairs were made where joints or rails were defective.

Edgestone was reset where out of line and grade and sidewalks repaired. The old material excavated to be replaced by the new pavement was used for street construction on Tremont Street at Ell Pond, Albion Street, Day Street, Pratt Street, Cliff Street, Avon Street, Hesselstine Avenue, Pearl Street, Boardman Avenue, Briggs Street, School Street, Mystic Avenue and Rowe Street. This material spread to grade and rolled improved all the above streets at a small expense. The granite blocks from gutters and crossings not required on the work have been used for paving gutters in various parts of the City or stored for future use.

Linwood Avenue from Lynde Street to Park Street was macadamized and the work should be continued to Sylvan Street.

Sears Avenue.—Edgestones were set on both sides, gutters paved, sidewalks and lawns graded, catch basins built and the roadway nearly completed. This work was unusually difficult as such a number of very large boulders were encountered and the ledge near Orris Street was very hard and dangerous stone to blast.

Main Street at Essex Street.—The corner of Essex and Main Streets has been rounded, making a very decided improvement.

Main Street and Porter Street.—The northerly corner of Porter and Main Streets has been rounded to correspond with the Hospital corner and the angle at Main and Green Streets rounded. These changes are improvements, making these corners much safer for traffic.

Garden Street construction was completed and Sanford Street and Geneva Road nearly completed.

Marvin Road at the junction of Richardson Road and a part of Richardson Road was filled, regraded and rolled.

All highways previously treated with tar or asphalt have been kept in good condition by filling and patching all holes or depressions with a tar mixture manufactured for the purpose, and the streets where necessary were treated with a dust laying coat of tar covered with sand.

Additional streets have been added to the street sprinkling list and treated with tar for a dust layer.

While the conditions relative to materials and labor did not improve, in fact the cost of labor and materials was higher than in previous years and difficult to obtain, the work of the Department has been carried on successfully.

Surface Drainage

The narrow stone culvert on Swains Pond Avenue, near No. 314, was replaced with 24-inch drain pipe to relieve flooding of land above Swains Pond Avenue.

The wooden covered bridge on Whittier Street at Spot Pond Brook, being in a dangerous condition, was replaced with cement stone sidewalls and reinforced concrete top. The wooden cover was replaced by reinforced concrete and walls rebuilt on Spot Pond Brook at driveway to Gibbon's stable.

Spot Pond Brook was widened, walled and reinforced concrete cover constructed south of Wyoming Avenue between No. 160 and No. 164, a distance of about a hundred feet.

Surface drains and catch basins have been constructed on Albion Street near Franklin Street and Day Street southerly. Grove Street, Burnett Street westerly, Geneva Road across private land to First Street. Cleveland Street, Sanford Street to Maple Street, and catch basins and man holes in various streets in other parts of the City.

Brooks

The open brooks have had careful attention and these should be widened and improved, as our street drainage systems empty into these open brooks and on their condition depends the success of the entire system.

Sidewalks

There have been 6,330 linear feet of new edgestones set and 2,461 linear feet of edgestones reset, in connection with which it was necessary to replace 462 square yards of gutters.

There have been 799 square yards of granolithic and 111 square yards of new tar concrete sidewalks constructed. Under repairs to present walks 1,701 square yards of three coat work, 750 square yards of two coat work, and 2,148 square yards of top-dressing of tar concrete sidewalks have been repaired.

Street Trees

Eleven Norway maple trees were set out where requests were made, the applicant paying \$2.50, which was about one-half the expense, and two set out to replace dead trees.

All trees set out in recent years by the Department are thriving, but they should have careful attention to protect them from insect pests, and be properly pruned.

The old trees should have all dead wood removed, the low hanging branches cut off and all necessary trimming done. To do this work it will be necessary to have larger appropriations for the care of trees.

GENERAL ADMINISTRATION

Appropriation	\$3,000.00
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Expended

Bookkeeper, part salary	\$838.00	
Asst. Supt., part salary	1,570.75	
Use of automobile	515.00	
Labor	76.25	3,000.00

HIGHWAY REPAIRING

Balance from 1919	\$1,577.93	
Appropriation	25,000.00	
Street Railway Tax	556.92	\$37,134.85

Expended

Labor as per pay rolls	\$25,295.13	
Stock and invoices	\$26,351.33	
Less sold and transferred to other		
Accounts	14,993.68	11,357.65
Balance		\$482.07

SEARS AVENUE

Appropriation	\$11,000.00
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Expended

Street work	\$5,555.83	
Changing manholes	39.09	
Edgestones	3,084.19	
Paving	797.03	9,476.14
Balance		\$1,523.86
Not finished.		

MARVIN ROAD

Balance 1919	\$61.46
Expended, labor per pay roll	61.46

GENEVA ROAD

Balance 1919	\$67.86
Expended, labor and teams	14.00

Balance	\$53.86
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GARDEN STREET

Balance 1919	\$490.43
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Expended

Labor and teams	\$92.01	
Stock and rolling	39.00	
Insurance and tools	12.06	143.07
Balance		\$347.36

LINWOOD AVENUE

Appropriation	\$6,500.00
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Expended

Labor and teams	\$3,195.42	
Stock and rolling	3,296.69	6,492.11
Balance		\$7.89

SANFORD STREET

Appropriation	\$1,200.00
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Expended

Labor and teams	\$755.39	
Gravel	132.00	
Insurance and tools	74.44	961.83
Balance		\$238.17
Not finished.		

EAST FOSTER STREET

Appropriation	\$8,600.00
No expenditures.	

WAVERLY PLACE

Appropriation	\$11,000.00
No expenditures.	

ESSEX AND MAIN STREETS**Rounding Corner**

Appropriation	\$450.00
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Expended

Edgestones	\$95.70	
Labor and teams	225.28	
Cement	20.00	
Concrete	84.00	
Sand	3.10	428.08
Balance		\$21.92

PORTER AND MAIN STREETS**Rounding Corner**

Appropriation	\$325.00
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CITY OF MELROSE

Expended

Labor as per pay rolls	4.68
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\$320.32

Not finished.

MAIN STREET**Concrete Paving**

Appropriation	\$55,000.00
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Expended

Simpson Brothers, contract	\$51,937.15	
C. L. Hoffman & Son, concrete repairs	1,238.53	\$53,175.68

Balance	\$1,824.32
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Unexpended Balances

Argyle Street.....	\$47.64
Folsom Avenue	134.23
Garden Street	347.36
Hopkins Street	83.20
Lynde Avenue	218.48
Malvern Street	340.70
Myrtle Street	16.45
Pleasant Street	1,022.28
Swains Pond Avenue	.34
Warwick Road	272.75

MISCELLANEOUS**Ice for Drinking Fountain:**

Appropriation	\$100.00
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Expended

D. Levy for ice.....	33.60
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Balance	\$66.40
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Removal of snow from Ell Pond:

Appropriation	74.91
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Expended	61.38
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Balance	13.53	74.91
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Pensions:

Appropriation		\$3,000.00
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Expended

Pay rolls		1,727.98
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Balance		<u>\$1,272.02</u>
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Vacations:

Appropriation		\$4,000.00
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Expended

Pay rolls		3,555.40
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Balance		<u>\$444.60</u>
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Removal of snow and sanding:

Appropriation	\$10,000.00	
Overdraft to 1921 account	4.50	\$10,004.50

Expended

Labor as per pay rolls	\$10,000.00	
Advertising	4.50	\$10,004.50

MEMORIAL BUILDING**Salaries and Wages**

Appropriation	\$3,000.00	
Appropriation	72.00	

	<u>\$3,072.00</u>	
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Less transfer	900.00	\$2,172.00
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Expended

Salaries and wages as per pay rolls	\$1,982.91	
Liability insurance	29.70	2,012.61

Balance		<u>\$159.39</u>
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OTHER EXPENSES

Appropriation	\$4,000.00	
Transfer	900.00	
Collections	2.72	\$4,902.72

CITY OF MELROSE

Expended

Electric power	\$480.56	
Electric lighting	488.51	
Gas Lighting	54.15	
Supplies and telephone	215.58	
Heating	1,407.76	
Repairing	749.48	
Labor	880.94	
Water Rates	49.09	\$4,326.07
Balance		\$576.65
Amount billed for use of Auditorium and G. A. R. Hall:		
Auditorium	\$5,524.24	
G. A. R. Hall	1,249.67	\$6,773.91

CITY HALL

Salaries and Wages

Appropriation	\$2,000.00	
Appropriation	72.00	
Transfer	250.00	\$2,322.00

Expended

Labor as per pay rolls	\$2,271.76	
Liability insurance	29.70	2,301.46
Balance		\$20.54

OTHER EXPENSES

Appropriation	\$3,000.00	
Transfer	500.00	\$3,500.00

Expended

Supplies	\$398.50
Repairs	301.88
Coal and wood	1,191.25
Electric Lighting	1,214.85
Gas lighting	77.73
Plants for vase	114.10

Water rates	89.35	
Labor	108.58	
	\$3,496.24	
Less collections	43.60	\$3,452.64
Balance		\$47.36
Amount billed for use of Hall.....	\$1,125.00	

OUTSIDE REPAIRS

Appropriation	\$1,000.00
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Expended

Mason work	\$17.50	
Lumber	14.38	
Slate and labor	16.00	
Labor on weather vane	8.29	
Labor, carpenter work	10.00	
Tar concrete	222.16	
Painting	705.94	
Hardware	.59	994.86
		\$5.14

CROSSWALKS AND PAVING

Balance from 1919	\$6,248.62
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Expended

Labor and teams	\$3,001.75	
Insurance and tools	300.17	3,301.92
		\$2,946.70

INSURANCE

Appropriation	\$2,000.00	
Return premium	8.03	
	\$2,008.03	
Less transfer	400.00	\$1,608.03

Expended

Premiums on policies		1,547.87
Balance		\$60.16

PLANTING NEW TREES

Appropriation	\$500.00	
Receipts	27.50	
	\$627.50	
Less transfer	396.00	\$131.50

Expended

Labor and teams	\$96.75	
Trees	32.50	
Advertising	2.25	\$131.50

CARE OF TREES

Appropriation	\$800.00	
Transfers from other accounts	796.00	\$1,596.00

Expended

Labor and teams	\$1,126.58	
Insurance and tools	109.61	1,236.19
Balance		\$359.81

STREET LIGHTING

Appropriation	\$22,000.00	
Received from Park Dept.	270.00	\$22,270.00

Expended

Malden Electric Co., as per contract		21,654.42
Balance		\$615.58

STREET SPRINKLING

Appropriation	\$1,000.00	
Assessments	12,128.73	\$13,128.73

Expended

Labor and teams	\$4,350.19	
Tarvia	8,778.54	13,128.73

STREET CLEANING

Appropriation	\$6,000.00	
Transfer	410.39	\$6,410.39

Expended

Labor and teams		\$6,410.39
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COLLECTION OF ASHES AND RUBBISH

Appropriation	\$11,000.00	
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Expended

Labor and teams	\$10,673.76	
Insurance, tools and supplies	283.68	
Labor, delivering ash cards	42.56	\$11,000.00

STREET GUIDE BOARDS AND NUMBERS

Appropriation	\$500.00	
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Expended

Labor	\$62.32	
Signs	233.00	
Sign irons	10.40	
Hardware	2.53	
House numbers	7.60	\$315.85
Balance		\$184.15

CONTINUOUS WALKS

Balance 1919	\$7,135.59	
Appropriation	10,000.00	
Transfer	2,038.22	
Collections	9,900.82	\$29,074.63

Expended

Pay rolls	\$2,439.18	
Invoices	10,868.30	
Highway Division acct.....	455.79	
Repair Walks acct.....	35.65	
Reserve due on edgestones	106.62	\$13,905.54
Balance		\$15,169.09

INDIVIDUAL WALKS

Appropriation	\$1,000.00	
Balance 1919	1,246.15	
Collections	1,862.55	
	\$4,108.70	
Less transfer to repair of walks	800.00	\$3,308.70

Expended

Labør per pay rolls	\$746.11	
Invoices	1,488.81	
Highway stock and teams	136.05	
Reserve due on edgestones	38.78	2,409.75
Balance		\$898.95

REPAIR PRESENT WALKS

Appropriation	\$3,000.00	
Transfer from Continuous Walks	35.65	
Transfer from Individual Walks.....	800.00	\$3,835.65

Expended

Labor per pay rolls	\$229.87	
Highway Division, teams and stock	64.86	
Paving brick	224.25	
Concrete work	3,278.41	3,797.39
Balance		\$38.26

CONTINUOUS WALKS—1920 One Half Cost Assessed to Abutters

STREET	Side	From	To	Edgestone Lim. Ft.		No. of Blocks	Granolithic Sq. Yds.		Concrete Sq. Yds	Sodding Sq. Ft.
				Straight	Curved		Drives	Walks		
* Ashland St.	West .	Marvin Rd.	Southerly	214.00	16.90	2	.....	.....	.....	.....
* Ashland St.	East .	Richardson Rd.	Southerly	166.00	5.40	2	.....	.....	.....	.....
* Ashland St.	East .	No. 123 .	Northerly	200.40	.....	8	.....	.....	.....	4,485.43
Beech Ave.	Both .	Lebanon St.	Meridian St.	775.40	94.20	20	.....	.....	111.04	.....
First St. and Parker St.	N & W	.....	.....	.....	.....	.....	.....	.....	.....	.....
Geneva Road .	West .	Upnam St.	Southerly 180 ft.	200.80	.....	4	.....	109.31	.....	545.00
* Holland Rd .	W & S	Emerson St.	Parkway	539.30	124.70	6	.....	405.97	.....	2,339.00
* Lincoln St.	Both .	Emerson St.	Sawyer Rd.	739.70	12.50	4	.....	.....	.....	.....
Main St.	N & W	.....	.....	121.00	53.40	.....	.....	.....	.....	.....
* Main St.	East .	Porter St.	Green St.	166.00	.....	.....	.....	.....	.....	442.00
* Rowe St.	West .	Emerson St.	Southerly	128.00	.....	2	.....	.....	.....	.....
* Sanford St.	South .	Florence St.	Cleveland St.	114.00	.....	.....	.....	.....	.....	.....
* Sargent St.	West .	No. 74 .	.....	56.30	.....	2	.....	.....	.....	.....
* Sargent St.	No. 78 .	.....	.....	86.30	.....	2	.....	.....	.....	.....
* Sargent St.	No. 86 .	.....	.....	50.00	.....	.....	.....	.....	.....	.....
* Sargent St.	No. 90 .	.....	.....	35.90	.....	2	.....	.....	.....	1,625.00
Upnam St.	North .	East St.	Westerly	.....	.....	.....	.....	133.94	.....	.....
				3,593.30	307.10	54	.....	649.22	111.04	9,456.43

* Not Completed.

INDIVIDUAL WALKS—1920

ABUTORS	LOCATION	Edgystone Lin. Ft.		No. of Blocks	Sq. Yds. Concrete	Granolithic		Sq. Ft. Sodding	Remarks
		Straight	Curved			Walks	Drives		
Budding, F. P.	Cedar Park	294.70		2					
Budding, H. B.	31 W. Wyoming Ave.			1					
Benoit, A. W.	16 Irving St.			2	3.33				Removed
Bruce, K. R.	Meridian St.							655.00	
Baker, C. E.	Elm St.			2					
Berquist, H. G.	15 Perkins St.			2			6.77		
Colby, A. H.	Cedar Park	156.30		2					Drop Stone
Congregational Church	Foster St.	27.00							
Chesterton & Co.	E. Emerson St.			2					
Coleman, Bessie L.	104 Sargent St.			2			3.47		
Denain, W. A.	52 Richardson Rd.								Change Drive
Everson, C. H.	Green St.						2.20		Drop Stone
Flanders, Susan H.	28 Rowe St.								
Fulton, E. C.	19 Nowell Rd.			2			2.58		
Grimes, Geo. A.	Main St.								
Goss, F. H.	173 Lebanon & First Sts.	123.00	14.80	2					
Hope, Clarence E.	249 W. Emerson St.			2	4.60	7.44			
Hall, E. A.	Myrtle St.			2					
Hilop, E. H.	962 Main St.			2					Drop Stone
Holden, Dr. C. P.	Winthrop St.								
Jenney Mfg. Co.	Main St.			2		37.24	20.00		
Jenney Mfg. Co.	Corey St.			2		16.66	29.90		Drop Stone
Loring W. H.	Ashland St.								
Leighton, E. L.	477 Lebanon St.	60.57							Drive moved
Moshier, Ira	21 Holland Rd.			2					Change Drive
Merrill, N. P.	41 Holland Rd.								Drop Stone
McKenzie, Daniel	182 Linwood Ave.						6.30		Drop Stone
McAdam, J. A.	Xyoming Ave.			2			5.60		
O'Brien, W. P.	118 Linwood Ave.			2					
Perkins, F. A.	Essex St.			2					Drive moved
McQueney, Thomas	17 Beverly St.			2			3.40		
Rovell, W. A.	34 Lincoln St.			1			4.74		Driveway
Reindle, W. S.	50 Porter St.						3.86		Widened
Salt, Geo. E.	Stevens Rd.			2					
Scarborough, E. R.	15 Baxter St.			2	3.77		4.44		
Sawyer, H. F.	114 Warwick Rd.								
Sutherland, E. and W. J. Davis.									
Stuart, C. L.	1057-59 Main St.			2					
Wuest, F. H.	27 Perkins St.			2					Concrete only
Woodsum, C. H.	53 Beech Ave. Ferdinand St.			2	6.16				

CITY OF MELROSE

SEWER DIVISION

Construction

Balance 1919	\$6,051.44	
Receipts	230.52	
From other divisions, stock and labor.....	3,923.58	\$10,205.54

Expended

Pay rolls	\$2,971.17	
Stock purchased	5,102.70	
Highway stock and teams	1,416.14	
Labor and stock transfer	117.10	9,607.11
Balance		\$598.43

COST OF SYSTEM

Construction to Jan. 1, 1920	\$506,549.96
Construction 1920	5,453.01
Total Cost	\$512,002.97

Maintenance

Appropriation	\$2,000.00	
Collections	208.25	\$2,208.25

Expended

Cleaning and repairing, labor and teams.....	\$1,938.01	
Stock and invoices	78.20	
Liability insurance	192.04	\$2,208.25

PRIVATE SEWERS

There have been thirty-five connections made with the main sewers the past year, making a total to January 1, 1921, of 3,409. (Cost of private sewers paid by applicant.)

Balance Jan. 1, 1920	\$159.30	
Receipts	3,394.81	
Transfer	31.53	\$3,585.64

Expended

Pay rolls, labor and teams	\$2,154.56	
Sewer stock	817.88	
Insurance and tools	231.92	
Highway Teams	46.04	3,250.40
Balance		\$335.24

SEWER CONSTRUCTION—1920

STREET	LOCATION	Pipe		Manholes
		Size Inches	Length Feet	
Argyle St.	Opp. No. 29 southerly.....	6	130	.....
Eleventh St.	Upham St. southerly	6	325	2
Totals.....			455	2

SEWERS BUILT TO JANUARY 1, 1921

Number of feet of 6 in pipe	123,469
Number of feet of 8 inch pipe.....	54,895
Number of feet of 10 inch pipe.....	17,529
Number of feet of 12 inch pipe.....	10,281
Number of feet of 15 inch pipe.....	3,839
Number of feet of 18 inch pipe.....	5,150
Number of feet of 20 inch pipe.....	2,788
Number of feet of 24 inch pipe.....	1,213
Number of feet of 18 x 20 inch brick.....	3,035
Number of feet of 20 inch brick.....	111
Number of feet of 24 inch brick.....	28
Total	222,338

Note:—Total length of sewers 222,338 feet or 42.11 miles, 2.40 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by Act of Legislature Melrose is permitted to use in the same manner as local sewers.

SURFACE DRAINAGE**Construction**

Appropriation	\$10,000.00	
Balance 1919	4,213.79	
Collections	340.66	\$14,554.45

Expended

Construction		\$14,201.42
Balance		\$353.03

MAINTENANCE

Appropriation	\$5,000.00	
Collections	3.33	\$5,003.33

Expended

Cleaning and repairing catch basins.....	\$3,523.73	
Cleaning drains	1,121.01	
Stock invoice	11.36	
Insurance and tools	343.80	4,999.90
Balance		\$3.43

CLEANING BROOKS

Appropriation	\$2,000.00
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Expended

Labor and teams	\$1,929.53	
Lumber	36.68	
Sewer construction stock	32.78	\$1,998.99
Balance		1.01

SURFACE DRAINAGE CONSTRUCTION

STREET	LOCATION	Pipe		Manholes	Catch Basins
		Size Inches	Length Feet		
Albion Street	Near Day St.	12	56	.....	1
Albion Street	At Franklin St.	24	76	.....	1
Baxter Street	.....	.....	.....	1	.....
Beech Avenue	.....	.....	.....	.....	3
City Hall Yard	For conductors	8 x 6	162	.....	.....
Cleveland Street	Sanford St. to Maple St.	12	556	2	3
Essex Street	On old drain	.....	.....	1	.....
Franklin Street	Opp. Pratt St.	.....	.....	.....	1
Geneva Road	Across private land	15	334	2	2
Grove Street	Burnett St. to Cumner Ave.	12	400	1	2
Holland Road	At curve	.....	.....	.....	1
Laurel Street	At Common	.....	.....	1	.....
Rowe Street	Opp. No. 53	.....	.....	.....	1
Sears Avenue	.....	.....	.....	.....	3
Short Street	At Main St.	.....	.....	3	1
Spot Pond Brook	Culvert off Wyoming Ave.	8 x 5.50	100	.....	.....
Swains Pond Avenue	Culvert at low point	24	44	.....	.....
Upham Street	On old drain	.....	.....	1	1
Whittier Street	Culvert	8 x 4.50	43	.....	.....
Total	.....	.....	1771	9	20

SUMMARY OF IMPROVED SURFACE DRAINAGE

CONSTRUCTED TO JANUARY 1, 1921

8 inch Akron pipe.....	808 lin. ft.	
10 inch Akron pipe.....	4,735 lin. ft.	
12 inch Akron pipe.....	29,922 lin. ft.	
15 inch Akron pipe.....	16,304 lin. ft.	
16 inch Akron pipe.....	284 lin. ft.	
18 inch Akron pipe.....	5,929 lin. ft.	
20 inch Akron pipe.....	5,322 lin. ft.	
20 inch iron pipe.....	120 lin. ft.	
24 inch Akron pipe.....	2,252 lin. ft.	
Brick conduit.....	659 lin. ft.	
Concrete conduit.....	9,037 lin. ft.	
Number of manholes.....	349	
Number of concrete culverts.....	7	
Number of catch basins.....	624	
Cost of system to January 1, 1920.....		\$232,082.44
Construction 1920.....		14,201.42
Cost of system to January 1, 1921.....		\$246,283.86
Total length of improved surface drains...	13.35 miles	

ENGINEERING DIVISION

Salaries and Wages

Appropriation.....	\$6,000.00	
Less transfers.....	550.00	\$5,450.00

Expended

Salaries as per pay rolls.....	\$5,360.25	
Liability insurance.....	33.56	5,393.81
Balance.....		\$56.19

Other Expenses

Appropriation.....	\$800.00	
Transfer from salaries and wages.....	50.00	\$850.00

Expended

Supplies	\$389.84	
Automobile supplies and repairs.....	447.81	
Carfares	8.10	\$845.75
Balance		\$4.25

SYNOPSIS OF WORK DONE**Highway Division**

Street lines and grades given for construction of new streets, including gutters, crossings, guard rails, etc., and record plans made of same.

Sewer Division

Estimates have been rendered, lines and grades given, records kept of "Y" locations, plans and profiles made, and schedules for assessing all sewers constructed.

Water Division

Estimates have been made and lines given for water mains, constructed and relaid. For locations, lengths and size of mains, see tables under "Water Division."

Surface Drainage

Surveys, computations and plans have been made, lines and grades given, and records kept of "Y" locations of all new work constructed.

Sidewalks

Plans and profiles have been made. Lengths and radii of curbing computed, work measured and schedules for assessments made.

Assessment Plans

New buildings have been plotted. Common and private sewers have been added and sewer assessment data recorded on plans.

Street Numbering

All new houses have been located and numbered. Numbers have been furnished and put on 53 buildings.

CLASSIFICATION OF EXPENDITURES

Highways:

Comprising plans, estimates, titles, profiles, lines and grades, and all other engineering work relating to the Department	\$370.00
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Continuous Walks:	2,225.00
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Sewers:

Comprising surveys, estimates, profiles, lines and grades, plans and assessments, and all other engineering work relating to sewers	425.00
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Surface Drainage:

Comprising lines, grades, survey and plans of all surface drainage work	575.00
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Water Works:

Comprising lines, locations of mains, plotting of new mains, etc., on City water map	420.00
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Street Numbering:

Location of buildings, numbering plans, and affixing street numbers on houses	55.00
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Street Signs:	42.00
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Street Lines and Grades for Abutters:

Street lines and grades have been given for abutters	145.00
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Assessment Plans:	125.00
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Office Work:

Records of locations, indexing, calculating and general draughting	586.81
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Miscellaneous:	425.00
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\$5,393.81

In conclusion I desire to express my appreciation to His Honor, the Mayor, the Board of Aldermen, and the City Officials, for courtesies extended, and the employees of this Department for their co-operation.

Respectfully submitted,

GEORGE O. W. SERVIS

Engr. and Supt. Public Works

MELROSE, MIDDLESEX COUNTY, MASSACHUSETTS

Location, 7 miles north of Boston.

Population, April 1, 1920.....	18,371
Number of Voters	7,635
Number of Polls.....	5,321
Greatest extent of city north and south.....	2.44 miles
Greatest extent of city east and west.....	2.95 miles
Valuation of real estate	\$18,818,800
Valuation of personal.....	2,206,600
Tax rate per thousand.....	29.50
Area of City.....	3,115.00 acres
Land	3,079.50 acres
Water	35.30 acres
Length of Public Streets.....	48.74 miles
Length of Private Streets.....	15.50 miles
Total length of water mains.....	56.13 miles
Total length of sewers.....	42.11 miles
Range of pressure on mains from 100 to 23 lbs.	
Number of 250 candlepower incandescent lights.....	55
Number of 60 candlepower incandescent lights.....	794
Number of luminous arcs, 20 all night	
23 to midnight.....	43

Areas of Parks:

Lincoln School Playground.....	1.60 acres
Horace Mann Playground.....	.60 acres
Messenger's Meadow Playground.....	2.89 acres
Melrose Common	4.4 acres
Sewall Woods Park.....	9.0 acres
Ell Pond Park.....	30.41 acres
Pine Banks Park.....	81.8 acres
Middlesex Fells	170.0 acres
Area of Wyoming Cemetery.....	43.5 acres
Elevation Main Street at City Hall.....	61 feet above mean low tide
Elevation Franklin Square.....	85 feet above mean low tide

City Clerk's Annual Report

Licenses and fees received in the City Clerk's Department, January 1, 1920, to December 31, 1920.

Intention Marriages, 227 at \$1.00.....	\$227.00
Motor Vehicle Licenses, 14 at \$10.00.....	140.00
Dog Tax, 1919.....	120.40
Dog Tax, 1920.....	116.20
Miscellaneous papers	45.35
Mortgages, 78 at 75c.....	58.50
Pool and Billiard tables, 7 tables at \$5.00.....	35.00
Junk Collectors, 7 licenses at \$10.00.....	70.00
Express and Jobbings Licenses, 31 at \$1.00.....	31.00
Gasoline Licenses, renewals.....	34.50
Auctioneers' Licenses, 11 at \$2.00.....	22.00
Second Hand Junk Shops, 2 licenses at \$10.00.....	20.00
Bowling Alley Licenses, 2 at \$10.00.....	20.00
Gasoline Licenses, 12 at \$1.00.....	12.00
Release of Mortgages, 20 at 25c.....	5.00
Hackney Carriages, 5 licenses at \$1.00.....	5.00
Hackney Carriage Drivers, 5 licenses at \$1.00.....	5.00
Business Certificates, 15 at 25c.....	3.75
Optometrists, 3 at 50c.....	1.50
Gunpowder and Firearms, 1 at \$1.00.....	1.00
	\$973.20
Paid City Treasurer.....	\$973.20
Appropriation in Budget for City Clerk's Department—Salaries and Wages	\$2,600.00
Salaries paid as per Auditor's Report.....	2,600.00
Appropriation in Budget for City Clerk's Department—Other Expenses	\$440.00
Steel ladder (additional appropriation).....	42.50
	\$482.50
Bills paid as per Auditor's Report.....	477.56
Balance due December 31, 1920.....	\$4.94

CITY CLERK'S REPORT

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Appropriation in Budget for City Clerk's Department—Vital Statistics	\$300.00
Bills paid as per Auditor's Report.....	243.50
Balance due December 31, 1920.....	56.50
Appropriation in Budget for printing and distributing the City Report	\$700.00
Additional Appropriation	378.23
	\$1,078.23
Bills paid as per Auditor's Report.....	1,072.67
Balance due December 31, 1920.....	\$5.56
Appropriation in Budget for Elections and Registration—Salaries and Wages.....	\$2,965.00
Additional Appropriation	262.50
Additional Appropriation	360.00
	\$3,587.50
Bills paid as per Auditor's Report.....	3,587.21
	.29
Appropriation in Budget for Elections and Registration—Other Expenses	\$1,157.00
Additional Appropriation	1,000.00
Additional Appropriation.....	100.00
Transfer from Salaries and Wages	70.00
Additional Appropriation	15.00
	\$2,342.00
Bills paid as per Auditor's Report.....	2,341.90
Balance due December 31, 1920.....	\$.10

DOG LICENSES

512 Male Dogs at \$2.00.....	\$1,024.00
69 Female Dogs at \$5.00.....	345.00
	\$1,369.00
581 Licenses, less fees at 20c each, paid City Treasurer.....	116.20
	\$1,252.80
Paid to County Treasurer	1,252.80

HUNTING, FISHING AND TRAPPING LICENSES

Hunting Licenses	248
Fishing Licenses	85
Trapping Licenses	22
Total	355

Respectfully submitted,

W. DeHAVEN JONES

City Clerk

Report of Registrars of Voters

The Registrars of Voters have had a strenuous year and doubled the voting list in four months.

The Registrars met February 27th, March 5th, 12th and 19th to certify nomination papers for the Presidential Primaries April 27th, 1920, and certified several hundred names.

Party designations were marked on the cards of all voters.

The voting lists were revised from the sworn list of assessed polls as furnished by the Assessors; five hundred and seventy-six names were dropped on account of deaths and removals. Many changes were made from ward to ward.

Registration was held on April 6th, 13th and 20th, evenings from seven to ten P. M., and daily in the City Clerk's Office, closing the 20th at ten P. M.

The Presidential Primary April 27th, 1920.

All new party designations were added. The annual meeting was held June 22nd, 1920, John J. Keating having been reappointed Registrar for three years. Edwin L. Cragin was unanimously elected chairman, and W. DeHaven Jones was clerk ex-officio.

The Jury list was then made for 1920, consisting of two hundred and forty names. Nomination papers were then certified for the State Primary to be held September 7th, 1920. Over one thousand names were certified. The required number of States having approved suffrage for women, we were notified to register them. The following dates were set for Registration,—daily in the City Clerk's Office from August 2nd to August 31st, during office hours: Evenings, August 24th and 31st. For State Election, daily, September 8th to October 13th; evenings, September 28th and 30th, October 5th, 8th, 12th and 13th. Extra meetings were held in Wards 1, 5 and 7-2. Four books were in use at most meetings.

For City Election, daily November 8th to November 24th, evenings November 16th and 24th, closing at ten P. M.

Following are tables showing the results of the State and City elections.

ELECTION OF NOVEMBER 2, 1920

Ward	Number Regis- tered	Men Regis- tered	Women Regis- tered	Men Voting	Women Voting	Percent of Men Voting	Percent of Women Voting
1	1155	615	540	561	519	91%	96%
2	1304	716	588	645	564	90	96
3-1	539	293	246	272	233	93	95
3-2	542	336	206	290	188	86	91
4	1030	537	493	490	459	91	93
5	894	510	384	443	365	87	95
6	1158	660	498	584	467	88	94
7-1	807	500	307	429	281	86	92
7-2	172	125	47	106	39	85	83
Total	7601	4292	3309	3820	3115	89%	94%

ELECTION OF DECEMBER 14, 1920

Ward	Number Regis- tered	Men Regis- tered	Women Regis- tered	Men Voting	Women Voting	Percent of Men Voting	Percent of Women Voting
1	1154	614	540	391	267	64%	49%
2	1308	718	590	467	341	65	57
3-1	540	294	246	207	154	70	63
3-2	551	341	210	229	115	67	55
4	1036	532	504	372	313	70	62
5	899	501	398	307	233	61	59
6	1167	663	504	473	340	71	67
7-1	804	494	310	359	209	73	67
7-2	176	127	49	76	23	60	47
Total	7635	4284	3351	2881	1995	67%	60%

Respectfully submitted,

EDWIN L. CRAGIN,
JOHN J. KEATING,
EDWIN J. TIRRELL,
W. De HAVEN JONES.

Registrars of Voters.

Report of City Solicitor

Boston, Mass., Feb. 17, 1921.

Hon. Angier L. Goodwin, Mayor, Melrose, Mass.

Dear Sir:—

I beg leave to submit herewith the report of the law department for the year 1920.

The only cases now pending against the city are those of Charles S. Boyce, No. 16171, and John Brooks, No. 16172, in the Middlesex Superior Court. These cases were instituted in May of 1909 and during the last eight years, covering the incumbency of the undersigned, no move has been made by the plaintiffs to bring them to trial.

It is, perhaps, fair to assume that they will never be pressed.

The contract cases of Wm. B. Wadland and the Dodge-Stevens Co. against the City, and the tort case of Flora B. Sennott, have been disposed of by settlement during the year; and the tort cases of Alice G. Brown and Jacob King against the City have been dismissed.

The usual amount of work has been done in the line of rendering opinions, examining land titles, drawing orders, ordinances, deeds, releases and other instruments, appearing before committees of the Legislature and otherwise attending to the legal business of the City.

One matter of this sort was in connection with the amendment to the City Charter which was passed by the Legislature and approved by the Governor March 18, 1920, constituting the advisory committee an executive department of the City Government.

In addition to the ordinary work of the department a revision of the City Ordinances was undertaken during the year and has been carried to completion, except as to one or two changes made advisable by the passage of the General Laws of the Commonwealth, for which changes it is felt further authority from the Board of Aldermen is required.

Respectfully submitted,

ARTHUR S. DAVIS

City Solicitor

Report of Tax Collector

Melrose, Mass., Jan. 28, 1921

To the Honorable Mayor and Board of Aldermen, City of Melrose, Mass.
Gentlemen:—

I hereby submit the Annual Report of the Collector's Office for the year ending December 31, 1920.

1917

Uncollected Dec. 31, 1919.....	\$1,800.80	
Additions	226.40	
Abated in 1920		\$55.65
Paid Treasurer		1,952.83
Additional Taking 1920 "Keating".....		12.28
Error in account not determined.....		6.44
	\$2,027.20	\$2,027.20

1918

Uncollected Dec. 31, 1919.....	\$55,588.78	
Additional	288.41	
Abated in 1920		\$438.76
Takings		5,855.66
Takings Additional		22.23
City Possessions		457.47
Paid Treasurer		48,400.86
Uncollected Dec. 31, 1920.....		702.21
	\$55,877.19	\$55,877.19

1919

Uncollected Dec. 31, 1920.....	\$197,741.82	
Additional 1920	15.72	
Abated in 1920		\$1,546.52
Paid Treasurer		141,610.17
Uncollected Dec. 31, 1920.....		54,600.85
	\$197,757.54	\$197,757.54

REPORT OF TAX COLLECTOR

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1920

Warrant	\$644,944.30	
Additional	829.15	
Abated		\$4,690.14
Paid Treasurer		416,494.79
Uncollected Dec. 31, 1920.....		224,588.52
	\$645,773.45	\$645,773.45

SEWERS

1907	\$12.95
1908	10.57
1915	8.86
1916	56.10
1917	72.48
1918	281.73
1919	789.42
1919—Unapportioned	136.44
1920	1,261.88
1920—Unapportioned	834.14
1921	179.66
1922	82.82
1923	82.82
1924	78.57
1925	64.09
1926	28.33
1927	11.45
1928	7.28
1929	7.31

		\$4,006.90
Interest		649.69

SIDEWALKS

1916	\$7.57
1917	33.34
1918	305.52
1919	2,285.95
1919—Unapportioned	2,634.31
1920	1,994.15
1920—Unapportioned	3,086.90
1921	140.62
1922	109.47

1923	72.56
1924	57.42
1925	57.34
1926	44.21
1927	38.31
1928	18.14
1929	15.01

Interest

\$9,900.82

\$1,134.53

BETTERMENTS

Garfield Road	\$40.29
Natalie Avenue	209.91
Hopkins Street	93.38
Nowell Road	68.94
Corey Street	174.24
First Street	63.99
Goss Avenue	27.80
Spear Street	409.37
Folsom Avenue	217.76
Warwick Road	70.85
Melrose Street	16.50
Morgan Street	62.73
Forest Street	34.75
Stevens Road	261.47
Lynde Avenue	117.69
Argyle Street	19.96
Wyoming Avenue	11.66
Hancock Street	234.02
Lincoln Street	827.60
Church Street	52.89
Harold Street	19.95
Mountain Avenue	14.42
East Emerson Street	23.54
Lebanon Street	23.11

Interest

\$3,096.82

631.01

INTEREST

1914	\$12.40
1915	12.89
1916	11.13

REPORT OF TAX COLLECTOR

159

1917	423.48
1918	4,782.42
1919	4,919.16
1920	397.99

	\$10,559.47
Collector's Receipts	\$1,238.52

WATER RATES

1914	\$19.75	
1915	2.25	
1916	10.00	
1917	31.68	
1918	98.28	
1919	8,140.92	
1920	43,522.30	\$51,825.18

Summons	\$105.60
---------------	----------

STREET WATERING

1917	\$30.36	
1918	853.81	
1919	3,750.09	
1920	7,535.14	\$12,169.40

MOTH

1918	\$9.60	
1919	9.25	
1920	37.00	\$55.85

TAKINGS

Year	Tax	Interest	Street Watering	Moth	Better- ment	Bett. Interest
1906	\$1.34	\$1.14				
1907	1.27	.13				
1908	1.39	.14				
1910	19.40					
1911	45.90	.75				
1912	119.85	43.46				
1913	202.47	91.52	\$3.17			
1914	421.51	163.59	10.73			
1915	1,452.81	468.38	47.72		\$13.03	\$3.33
1916	1,612.70	466.81	71.36	\$2.10	7.41	3.41
1917	2,842.70	524.91	100.62		1.79	.84
1918	431.72	61.56	18.99			
City Poss.	41.68	25.63				
	\$7,196.19	\$1,847.17	\$252.59	\$2.10	\$22.23	\$7.58

RECAPITULATION

Taxes	\$608,458.65
Street Watering	12,169.40
Water Rates	51,825.18
Summons	105.60
Sewers	4,006.90
Sewers Interest	649.69
Sidewalks	9,900.82
Sidewalks Interest	1,134.53
Collector's Receipts	1,238.52
Interest on Taxes	10,559.47
Betterments	3,096.82
Betterments Interest	631.01
Moth	55.85
Takings, Tax	7,196.19
Interest	1,847.17
Street Watering	252.59
Moth	2.10
Betterments	22.23
Betterments Interest	7.58
	\$713,160.30

JAMES W. MURRAY

Collector of Taxes

Report of City Treasurer

Melrose, Mass., Feb. 15, 1921

To the Honorable, the Mayor and Board of Aldermen, Melrose, Mass.
Gentlemen:—

I beg to submit herewith my report of the operations of the City Treasury for the year 1920.

Yours respectfully,

WILLIAM R. LAVENDER

City Treasurer

CASH STATEMENT FOR 1920

Balance in bank and office Jan. 1, 1920.....	\$19,613.81
Receipts for the year 1920, for details see Auditor's Report	1,556,145.75
	\$1,575,759.56
Payments for the year 1920, for details see Auditor's Report	
port	1,499,199.54
Balance in banks and office (as of) Dec. 31, 1920.....	\$ 76,560.02

WILLIAM R. LAVENDER

City Treasurer

CITY OF MELROSE

TEMPORARY LOAN NOTES DUE IN 1921

TO BE PAID FROM TAXES OF 1920 WHEN COLLECTED

Date	Due	No.	Amount	Total
March 4, 1920	March 4, 1921	458		\$2,100.00
Aug. 25, 1920	March 15, 1921	491	\$10,000.00	
"	"	492	10,000.00	
"	"	493	10,000.00	
"	"	494	5,000.00	35,000.00
"	April 15, 1921	495	10,000.00	
"	"	496	10,000.00	
"	"	499	5,000.00	
"	"	500	10,000.00	
"	"	501	5,000.00	40,000.00
Sept. 10, 1920	March 10, 1921	510	10,000.00	
"	"	511	10,000.00	
"	"	512	10,000.00	
"	"	513	10,000.00	
"	"	514	10,000.00	
"	"	515	5,000.00	
"	"	516	5,000.00	60,000.00
Nov. 12, 1920	May 16, 1921	517	10,000.00	
"	"	518	10,000.00	
"	"	519	5,000.00	25,000.00
"	June 15, 1921	520	10,000.00	
"	"	521	10,000.00	
"	"	522	5,000.00	25,000.00
Dec. 3, 1920	June 10, 1921	523	10,000.00	
"	"	524	10,000.00	
"	"	525	10,000.00	
"	"	526	5,000.00	
"	"	527	5,000.00	40,000.00
Dec. 28, 1920	Oct. 14, 1921	528	25,000.00	
"	"	529	10,000.00	
"	"	530	10,000.00	
"	"	531	5,000.00	50,000.00
				\$277,100.00

REPORT OF CITY TREASURER

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PERMANENT LOAN NOTES DUE IN 1921

Order Number	Purpose	Dated	Due.	No.	Amount
7762	Main St. macadam	July 1, 1913	July 1, 1921	8	\$2,500.00
6529A	Church St.	Dec. 1, 1913	Dec. 1, 1921	19	550.00
8193	Funding Cemetery				
	Trust Funds	Nov. 25, 1914	Nov. 25, 1921	7	2,000.00
9563C	Continuous Sidewalks	June 1, 1916	June 1, 1921	5	2,000.00
9713	Crosswalks and Gutters	Aug. 24, 1916	Aug. 24, 1921	5	500.00
9735	Sidewalks	Aug. 1, 1916	Aug. 1, 1921	9	1,000.00
9735	Sidewalks	Aug. 1, 1916	Aug. 1, 1921	10	1,000.00
9877	Ice House and Spot				
	Pond Brook	Jan. 1, 1917	Jan. 1, 1921	4	500.00
9319	Pleasant St.	Jan. 25, 1917	Jan. 25, 1921		1,000.00
10072	Crosswalks and Gutters	Apr. 18, 1917	Apr. 18, 1921		1,000.00
10075	Continuous Sidewalks	Apr. 1, 1917	Apr. 1, 1921	17	1,000.00
10075	Continuous Sidewalks	Apr. 1, 1917	Apr. 1, 1921	18	1,000.00
10229	Continuous Sidewalks	Sept. 1, 1917	Sept. 1, 1921	33	1,000.00
10229	Continuous Sidewalks	Sept. 1, 1917	Sept. 1, 1921	34	1,000.00
10363	Continuous Sidewalks	Sept. 1, 1917	Sept. 1, 1921	35	1,000.00
10363	Continuous Sidewalks	Sept. 1, 1917	Sept. 1, 1921	36	1,000.00
10494C	Warwick Road	May 20, 1918	May 20, 1921		500.00
9939B	Folsom Avenue	June 5, 1918	June 5, 1921		1,200.00
10796	Portable Schoolhouse	Aug. 20, 1918	Aug. 20, 1921	3	1,500.00
10119B	Lincoln Street	Nov. 21, 1918	Nov. 21, 1921		1,000.00
10709	Continuous Sidewalks	Dec. 12, 1918	Dec. 12, 1921		1,000.00
10927	Memorial Bldg. Repairs	Dec. 12, 1918	Dec. 12, 1921		500.00
9719	Myrtle St. macadam	Feb. 27, 1919	Feb. 27, 1921		750.00
11117	Continuous Sidewalks	May 1, 1919	May 1, 1921	49	1,000.00
11117	Continuous Sidewalks	May 1, 1919	May 1, 1921	50	1,000.00
11117	Continuous Sidewalks	May 1, 1919	May 1, 1921	51	1,000.00
11104	Combination Police				
	Patrol and Ambulance	June 20, 1919	June 20, 1921	69	1,000.00
11112	Pumping Engine	May 1, 1919	May 1, 1921	64	2,500.00
11304	Gutters and Crosswalks	July 7, 1919	July 7, 1921	72	1,000.00
11328	Fuller Property	Aug. 12, 1919	Aug. 12, 1921	78	500.00
10103	Linwood Ave. macadam	Sept. 1, 1919	Sept. 1, 1921	82	1,500.00
11307	Continuous Sidewalks	Sept. 1, 1919	Sept. 1, 1921	88	1,000.00
11307	Continuous Sidewalks	Sept. 1, 1919	Sept. 1, 1921	89	1,000.00
11342	Lincoln Playground	Sept. 18, 1919	Sept. 18, 1921	97	500.00
10917	Garden Street	March 6, 1920	March 6, 1921	101	700.00
9988B	Sanford Street	March 6, 1920	March 6, 1921	102	1,200.00
9353	Main St. Pavement	May 1, 1920	May 1, 1921	103	5,000.00
11803	Main St. Pavement				
	additional	June 1, 1920	June 1, 1921	123	1,000.00
11409	Continuous Sidewalks	June 1, 1920	June 1, 1921	113	1,000.00
11409	Continuous Sidewalks	June 1, 1920	June 1, 1921	114	1,000.00
11269B	Sears Avenue	Sept. 15, 1920	Sept. 15, 1921	123	2,000.00
11781	Orient Place	Oct. 15, 1920	Oct. 15, 1921	133	1,000.00
					\$49,400.00

CITY OF MELROSE

SERIAL BONDS DUE IN 1921

SURFACE DRAINAGE BONDS

Date		Due		No.	Rate	Amount	Total
May	1, 1914	May	1, 1921	142	4	\$500.00	
April	1, 1915	April	1, 1921	161	4	500.00	
Nov.	1, 1915	Nov.	1, 1921	181	4	500.00	
June	1, 1916	June	1, 1921	190	4	1,000.00	
Jan.	1, 1917	June	1, 1921	4	4	500.00	
April	1, 1917	April	1, 1921	218	4	500.00	
Sept.	1, 1917	Sept.	1, 1921	228	4	500.00	
Aug.	1, 1918	Aug.	1, 1921	237	4	500.00	
Dec.	1, 1918	Dec.	1, 1921	248	4	500.00	
May	1, 1919	May	1, 1921	252	4	500.00	
May	1, 1919	May	1, 1921	262	4	1,000.00	
Aug.	1, 1920	Aug.	1, 1921	271	4	1,000.00	\$7,500.00

SEWER BONDS

Sept.	1, 1913	Sept.	1, 1921	438	4	\$500.00	
May	1, 1914	May	1, 1921	457	4	500.00	
May	1, 1915	May	1, 1921	476	4	500.00	
Aug.	1, 1916	Aug.	1, 1921	495	4	1,000.00	
Sept.	1, 1917	Sept.	1, 1921	504	4	1,000.00	
Dec.	1, 1918	Dec.	1, 1921	513	4	1,000.00	
May	1, 1919	May	1, 1921	517	4	1,000.00	\$5,500.00

WATER BONDS

June	1, 1909	June	1, 1921	510	4	\$1,000.00	
June	1, 1909	June	1, 1921	511	4	1,000.00	
July	1, 1912	July	1, 1921	561	4	1,000.00	
Dec.	1, 1913	Dec.	1, 1921	570	4	500.00	
Sept.	1, 1913	Sept.	1, 1921	580	4	1,000.00	
May	1, 1914	May	1, 1921	589	4	1,000.00	
June	1, 1916	June	1, 1921	607	4	1,000.00	
April	1, 1917	April	1, 1921	619	4	1,000.00	
April	1, 1917	April	1, 1921	620	4	1,000.00	
June	1, 1918	June	1, 1921	5	4	1,000.00	
June	1, 1918	June	1, 1921	6	4	1,000.00	
Aug.	1, 1918	Aug.	1, 1921	635	4	1,000.00	
Dec.	1, 1918	Dec.	1, 1921	640	4	1,000.00	
Dec.	1, 1918	Dec.	1, 1921	643	4	1,000.00	
May	1, 1919	May	1, 1921	647	4	1,000.00	\$14,500.00

AUDITORIUM BONDS

July	1, 1911	July	1, 1921	24	4	\$1,000.00	
		July	1, 1921	25	4	1,000.00	\$2,000.00

PARK BONDS

Nov.	1, 1911	Nov.	1, 1921	10	4	\$1,000.00	
Dec.	1, 1912	Dec.	1, 1921	10	4	1,000.00	\$2,000.00

Total \$21,500.00

BONDS AND NOTES OUTSTANDING AND WHEN MATURING

	Permanent Loans	Water Bonds	Sewer Bonds	School Bonds	Surface Drainage Bonds	Auditorium Bonds	Park Bonds	Total
1920		\$500.						
1921	\$49,400.	\$14,500.	\$5,500.		\$7,500.	\$2,000.	\$2,000.	\$500.
1922	37,300.	23,500.D	5,500.		7,500.	2,000.		80,900.
1923	25,550.	15,500.D	5,500.		17,600.B	2,000.		75,800.
1924	21,500.	5,000.	104,500.A		7,000.	2,000.		66,050.
1925	11,500.	42,000.D	104,500.A		7,000.	2,000.		140,000.
1926	8,500.	4,000.	54,500.A		6,500.	2,000.		167,000.
1927	8,500.	3,000.	5,500.		6,500.	2,000.		75,300.
1928	8,500.	5,000.	2,500.		5,500.	2,000.		23,500.
1929	8,500.	3,000.	2,500.	78,000.B	5,000.	2,000.		21,500.
1930	6,500.	3,000.	1,500.		3,500.	2,000.		99,000.
1931		2,000.	1,500.		2,500.	2,000.		16,500.
1932			1,500.		101,000.C	2,000.		8,000.
1933			1,500.		1,000.			102,500.
1934			1,000.		1,000.			2,500.
1935			10,500.A		5,000.			2,000.
1936								15,500.
1937			20,000.A					20,000.
1938			10,000.A					10,000.
1939			10,000.A					10,000.
1940			10,000.A					10,000.
1941			10,000.A					10,000.
1942			10,000.A					10,000.
	<u>\$185,750.</u>	<u>\$119,000.</u>	<u>\$376,000.</u>	<u>\$78,000.</u>	<u>\$184,000.</u>	<u>\$22,000.</u>	<u>\$2,000.</u>	<u>\$966,750.</u>

A. Of total of \$376,000 Sewer Bonds \$320,000 are payable from Sinking Funds, viz:

1924	\$100,000.
1925	100,000.
1926	50,000.
1935	10,000.
1937	10,000.
1938	10,000.
1939	10,000.
1940	10,000.
1941	10,000.
1942	10,000.

B. Of total of \$78,000, School Bonds, all are payable from Sinking Fund.

C. Of total of \$179,500. Surface Drainage Bonds, \$110,000. are payable from Sinking Funds, viz:

1923	\$10,000.
1932	100,000.

D. Of total of \$119,000. Water Bonds \$53,000. are payable from Sinking Funds, viz:

1922	\$10,000.
1923	5,000.
1925	38,000.

Of \$22,000. Auditorium Bonds	} None are payable from Sinking Funds
Of 2,000 Park Bonds	
Of 185,750. Permanent Loans	

Which summarizes as follows:

Total outstanding Bonds and Notes.....	\$946,750
Payable from Sinking Funds	\$561,000.
Payable from Appropriations	385,750.
	\$946,750.

CEMETERY TRUST FUND

Amount in Fund Jan. 1, 1920.....	\$58,816.75	
Added to Fund in 1920.....	8,018.50	
	\$66,835.25	
Gain on Liberty Bonds bought in 1920.....	761.80	\$67,597.05

SECURITIES IN CEMETERY TRUST FUND DEC. 31, 1920

Notes	No.	Dated		Due			
City of Melrose	9	Nov. 25, 1914	Nov. 25, serially	1921-29			
" "	7	Sept. 1, 1917	Sept. 1, 1921-27	\$2,000 each	\$18,000.00		
" "	4	May 20, 1918	May 20, 1921-24	\$500 each	3,500.00		
" "	1	June 5, 1918	June 5, 1921		2,000.00		
" "	6	Aug. 1, 1918	Aug. 1, 1921-27	\$500 each	1,200.00		
" "	2	Nov. 21, 1918	Nov. 1, 1921-22	\$1,000 each	3,000.00		
" "	2	Feb. 27, 1919	Feb. 27, 1921-22	\$750 each	2,000.00		
" "	2	June 20, 1919	June 20, 1921-22	\$1,000 each	1,500.00		
" "	4	July 17, 1919	July 17, 1921-24	\$1,000 each	2,000.00		
" "	3	Aug. 12, 1919	Aug. 12, 1921-23	\$500 each	4,000.00		
" "	3	Sept. 18, 1919	Sept. 18, 1922-24	\$500 each	1,500.00		
Melrose Sewer Bond	221		July 1, 1926		1,000.00		
4th Liberty Bonds	6		Oct. 15, 1938	\$1,000 each	6,000.00		
" " "	1		Oct. 15, 1938		500.00		
" " "	5		Oct. 15, 1938	\$100 each	500.00		
City of Melrose	5	June 1, 1920	June 1, 1921-25	\$1,000 each	5,000.00		
Melrose Surface							
Drainage Bonds	10	No. 471-480	Aug. 1, 1921-30	\$1,000 each	10,000.00		
					63,200.00		
Cash in Treasury awaiting investment..					4,397.05		
					\$67,597.05		

E. TOOTHAKER FUND

Amount in Fund Jan. 1, 1920.....	\$1,536.94
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LEVI S. GOULD, SCHOOL MEDAL FUND, INCOME ACCOUNT

Balance in Fund Jan. 1, 1920.....	\$83.10	
Receipts—2nd Liberty Bond No. 565030 4%, sold at		
\$87.24	\$872.40	
Accrued Interest on Bond Sold	15.53	
Income from Bond Held for Investment...	62.50	\$950.43
		\$1,033.53

Payments:

One 4th Liberty Bond No. 1849863, 4¼%		
at \$88.90	\$889.00	
Accrued Interest	22.26	911.26
Balance available for uses of Fund, Dec. 31, 1920		\$122.27

Securities in Levi S. Gould School Medal Fund:

One 4th Liberty Loan Bond, due Oct. 15, 1938	
No. 1849863 4¼%	\$1,000.00

**Norman F. Hesseltine Fund For Promotion of Interest in Domestic and
Wild Animals, Income Account**

Balance in Fund Jan. 1, 1920	\$12.56	
Receipts, Income from Bond	4.25	\$16.81

Payments:

July 23, 1919	\$8.34	
Jan. 15, 1920	2.50	10.84

Balance in Fund Dec. 31, 1920	\$5.97
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Securities in Norman F. Hesseltine Fund, Dec. 31, 1920:

One 4th Liberty Bond due Oct. 15, 1938 No.	
3580641 4¼%	\$100.00

Community Civics Fund, Income Account

Balance in Fund Jan. 1, 1920	\$2.86	
Income from Fund in 1920	2.13	\$4.99

Payments, None.

Balance in Fund Dec. 31, 1920	\$4.99
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Securities in Community Civics Fund:

One 3rd Liberty Loan Bond, due Sept. 15, 1928	
No. 688321 4¼%	\$50.00

Sarah E. Fitch Fund, Income Account

Balance in Fund Jan. 1, 1920	\$57.80	
Income from Fund in 1920	30.00	\$87.80

Payments, None

Securities in Sarah E. Fitch Fund:

5 American Telegraph & Telephone Co., Conv. Gold Bonds, 6%, due Aug. 1, 1925, Nos. C 66103-7, \$100 each	\$500.00
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John C. F. Slayton Organ Fund Income Account

Income from Fund received in 1920.....	\$400.00
Payments to Auditorium Advisory Committee	400.00

Securities owned by J. C. F. Slayton Organ Fund:

Registered Certificates of Corporate Stock, City of New York, due May 1, 1959, No. 640, 4%.....	\$10,000.00
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VII

A. C. MARIE CURRIER FUND

Receipts for 1920	\$1,000.00
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Fund in hands of Trustees under the will of A. C. Marie Currier, the income to be paid to the City annually for use of Charity Department for the purchase of Christmas Dinners for worthy poor, and warm clothing for children of worthy poor of Melrose.

Report of Sinking Fund Commission

Melrose, Mass., January 19, 1921

To the Honorable, the Mayor and Board of Aldermen, Melrose, Mass.

We submit herewith our report of the operations of the Sinking Funds for the year 1920.

Respectfully submitted,

EDWARD J. KITCHING
FRANKLIN P. SHUMWAY
EVERETT L. FULLER
Sinking Fund Commissioners

SEWER LOAN SINKING FUND

William R. Lavender, Treasurer,

In Account with Sewer Loan Sinking Fund

Balance, Cash in Bank Jan. 1, 1920.....	\$206.51
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Receipts

Interest from Coupons	\$10,197.34	
Interest on Registered Bonds	789.25	
Interest on Bank Deposits	8.34	
Interest accrued on Bonds sold.....	113.63	
City of Melrose, from Sewer Assessments collected	3,784.56	
Bonds Sold	6,700.00	\$21,593.12
		\$21,799.63

Payments

Expense, part rent Safe Deposit Box.....	\$12.00	
Interest, accrued on Bonds Bought	247.16	
Bond Bought	20,848.18	\$21,107.34

Balance, Cash in Bank Dec. 30, 1920.....	\$692.29
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Examined and found correct, Feb. 18, 1921, WM. T. WOLLEY, Auditor.

LIST OF SECURITIES OWNED BY SEWER LOAN SINKING FUND

December 30, 1920

14 Melrose Sewer Bonds, 4%, June 1, 1924, Nos. 1 to 3, 10, 76 to 77, 88, 81 to 85, 90, 97.....	\$14,000.00
52 Melrose Sewer Bonds, 4%, June 1, 1925, Nos. 101 to 145, 154 to 160	52,000.00
4 Melrose Sewer Bonds, 4%, July 1, 1926, Nos. 208, 244 to 246	4,000.00
3 Melrose Sewer Bonds, 4%, July 1, 1926, Nos. 242, 248 to 249	3,000.00
11 Melrose Sewer Bonds, 4%, July 1, 1935, Nos. 351 to 360	10,000.00
10 Melrose Sewer Bonds, 4%, June 1, 1937, Nos. 361 to 370	10,000.00
10 Melrose Sewer Bonds, 4%, July 1, 1937, Nos. 371 to 380	10,000.00
61 Melrose Surface Drainage Bonds, 4%, July 15, 1932, Nos. 4 to 60, 76 to 79.....	61,000.00
6 Wakefield, Mass., 3½%, Nov. 1, 1925, Nos. 90 to 95....	6,000.00
1 Wakefield, Mass., 3½%, Nov. 1, 1926, No. 96.....	1,000.00
10 Town of Clinton, Mass., 3½%, July 1, 1930, Nos. 132 to 141	10,000.00
1 Los Angeles, Cal., 4½%, June 1, 1932, No. 1,518.....	1,000.00

List of Securities Owned by Sewer Loan Sinking Fund—Continued

1 Los Angeles, Cal., 4½%, June 1, 1942, No. 2,511.....	1,000.00
3 Chi. Burl. & Quincy R. R. Bonds, 3½%, July 1, 1949 Nos. 7,895 to 97.....	3,000.00
8 Boston & Maine R. R., 4½%, April 1, 1929, Nos. 5,166 to 69, 5,171 to 74.....	8,000.00
15 Fitchburg R. R., 4½%, May 1, 1928, Nos. 2,367 to 73, 3,468 to 69, 3,853, 3,341 to 45.....	15,000.00
3 Conn. River R. R., 3½%, Jan. 1, 1923, Nos. 841 to 43..	3,000.00
3 Boston & Albany R. R., 4%, May 1, 1933, Nos. 2,492 to 94	3,000.00
1 Boston Elevated R. R., 4%, May 1, 1935, No. 21.....	500.00
2 Boston Elevated R. R., 4½%, Oct. 1, 1937, Nos. 100 to 101 Registered	2,000.00
3rd Liberty Bonds, 4¼%, Sept. 15, 1928.....	18,100.00
1 Boston Elevated R. R., 4½%, Nov. 1, 1941, No. 39 Registered	5,000.00
1 Boston Elevated R. R., 4½%, Nov. 1, 1941, No. 35....	1,000.00
1 2nd Convert. Liberty 4¼%, Nov. 15, 1942.....	10,000.00
4th Liberty Bonds, 4¼%, Oct. 15, 1938.....	10,500.00
Victory Bonds, 4¾%, May 20, 1923.....	5,000.00
Cash in Melrose Trust Co.....	692.29
	\$267,792.29

SURFACE DRAINAGE LOAN SINKING FUND

William R. Lavender, Treasurer,

In Account with Surface Drainage Loan Sinking Fund

Balance Cash in Bank Jan. 1, 1920.....	\$47.82
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Receipts

Interest from Coupons.....	\$2,227.87	
Interest on Registered Bonds	280.02	
Interest on Bank Deposits	9.31	
Interest accrued on Bonds sold.....	55.00	
City of Melrose, Budget appropriation 1920..	2,705.44	
Bonds sold and matured	6,100.00	\$11,377.64
		\$11,425.46

Payments

Expense, part rent Safe Deposit Box.....	\$3.00	
Interest accrued, on Bonds bought.....	47.53	
City of Melrose, to pay maturing Bonds.....	5,000.00	
Bonds bought	5,920.08	\$10,970.61

Balance Cash in Bank, Dec. 30, 1920..... 454.85

Examined and found correct, Feb. 18, 1921, WM. T. WOLLEY, Auditor.

**LIST OF SECURITIES OWNED BY SURFACE DRAINAGE LOAN
SINKING FUND**

December 30, 1920

39 Melrose Surf. Drainage Bonds, 4%, July 15, 1923	
Nos. 1 to 3, 61 to 75, 80 to 100.....	\$39,000.00
1 Wakefield Bond, 3½%, Nov. 1, 1926, No. 97.....	1,000.00
2 Fitchburg R. R. Bonds, 4½%, Mar. 1, 1928, No. 2394, 3854	2,000.00
1 Boston & Albany R. R. Bonds, 4%, Mar. 1, 1933, No. 2430	1,000.00
1 Baltimore & Ohio R. R. Bond, 3½%, July 1, 1925, No. B 44 Reg.	500.00
3 Boston Elevated R. R. Bonds, 4½%, Nov. 1, 1942, Nos. 43 to 45 Reg.	3,000.00
Second Liberty Bond, 4¼%, Nov. 15, 1942.....	3,000.00
Third Liberty Bonds, 4¼%, Sept. 15, 1928.....	6,200.00
2 Victory Bonds, 4¾%, May 20, 1923.....	2,000.00
Cash in Melrose Trust Co.....	454.85
	\$58,154.85

WATER LOAN SINKING FUND

December 30, 1920

William R. Lavender, Treasurer,

In Account with Water Loan Sinking Fund

Balance, Cash in Bank Jan. 1, 1920..... \$86.14

Receipts

Interest from Coupons	\$1,941.98	
Interest on Bank Deposits.....	12.66	
Interest accrued on Bonds sold.....	100.03	
Bonds sold and matured.....	9,100.00	\$11,154.67
		\$11,240.81

Payments

Expense, part rent Safe Deposit Box.....	\$3.00	
Bonds bought	10,966.22	
Interest accrued on Bonds bought.....	179.28	\$11,148.50

Balance, Cash in Bank Dec. 30, 1920.....	\$92.31
Examined and found correct, Feb. 18, 1921, WM. T. WOLLEY, Auditor.	

LIST OF SECURITIES OWNED BY WATER LOAN SINKING FUND

December 30, 1920

34 Melrose Water Bonds, 4%, July 1, 1925, Nos. 400 403 to 408, 410 to 426, 428 to 437.....	\$34,000.00
1 Bath, Maine Bond, 4%, July 1, 1927, No. 14.....	500.00
2 Boston & Maine R. R. Bonds, 4½%, April 1, 1929. Nos. 5165 to 5170	2,000.00
4th Liberty Bonds, 4¼%, Oct. 15, 1938.....	8,000.00
3rd Liberty Bond, 4¼%, Sept. 15, 1928.....	2,000.00
3rd Liberty Bond, 4¼%, Sept. 15, 1928.....	500.00
Victory Bond, 4¾%, May 20, 1928.....	1,000.00
Cash in Melrose Trust Co.	92.31
	\$48,092.31

SCHOOL LOAN SINKING FUND

Melrose, Dec. 30, 1920

William R. Lavender, Treasurer, in account with School Loan Sinking Fund.

Balance cash in bank Jan. 1, 1920.....	\$62.93
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Receipts:

Interest, On Registered Bonds.....	\$673.23	
" From Coupons	451.49	
" Accrued on Bonds sold.....	83.00	
" Bank Deposits	6.35	
City of Melrose, appropriation 1920.....	2,952.56	
Bonds sold	4,800.00	8,966.63
		\$9,029.56

Payments:

Expense, Rent Safe Deposit Box.....	\$2.00	
Bonds Bought	8,884.12	
Interest accrued on Bonds bought.....	113.71	8,999.83

Balance, Cash in Bank	\$29.73
Examined and found correct, Feb. 18, 1921, WM. T. WOLLEY, Auditor.	

LIST OF SECURITIES OWNED BY SCHOOL LOAN SINKING FUND

December 30, 1920

1 Melrose Sewer Bond, 4%, July 1, 1926, 247.....	\$1,000.00
4 Boston & Albany R. R. Bonds, 4%, May 1, 1933, 2495-98	4,000.00
5 Portland Terminal R. R. Bonds, 4%, July 1, 1961, M 1 to 4 Reg.....	5,000.00
2 Balt. & Ohio R. R. Bonds (S. W. Div.), quarterly 3½%, July 1, 1925, M 531-32	2,000.00
3 Balt. & Ohio R. R. Bonds (\$500) 3½%, July 1, 1925, B 42, 43, 49.....	1,500.00
1 Boston Elevated R. R. Bond (\$5,000), 4½%, Nov. 1, 1941, 36 Reg.	5,000.00
1 Boston Elevated R. R. Bond, 4½%, Nov. 1, 1941, 34 Reg.	1,000.00
Part Second Conv. Liberty Bond, (\$5,000), 4¼%, Nov. 15, 1942	2,000.00
Third Liberty Bonds, 4¼%, Sept. 15, 1928.....	6,000.00
Fourth Liberty Bonds, 4¼%, Oct. 15, 1938.....	5,000.00
Cash in Melrose Trust Co.	29.73
	\$32,529.73

WILLIAM R. LAVENDER

Treasurer.

Report of Cemetery Committee

Melrose, Mass., January 31, 1921

To the Honorable, the Mayor and Board of Aldermen, City of Melrose.
Gentlemen:—

In accordance with the provisions of Chapter 33, of the Revised Ordinances, the Cemetery Committee beg leave to submit their annual report for the year 1920.

Appropriation in Annual Budget.....	\$11,820.00	
Appropriation in Annual Budget, care Soldiers' graves	180.00	
Appropriation, Supplementary Order 12,079..	1,000.00	\$13,000.00

Expenditures

Supt. Salary, labor and teams.....	\$11,152.93	
Salary of Clerk	120.00	
Salary of Committee.....	75.00	
Telephones	75.35	
Coal	40.70	
Cement	28.00	
Melrose Hospital X-ray.....	5.00	
Printing	38.03	
Postage	30.00	
Stationery	7.87	
Tools and hardware	95.25	
Gibbons Contracting Company	705.25	
Freight	26.48	
Trucking	37.00	
City of Melrose for water.....	17.89	
Filing case and furniture.....	13.41	
Expressing	9.87	
Carried over	\$12,478.03	\$13,000.00
Miscellaneous	12.24	
Sharpening tools	9.90	

Seed	24.00	
Sheets and straps.....	84.30	
Flowers and shrubs.....	125.79	
Electric lights	.77	
Lumber	1.48	
Painting	5.00	
Sharpening lawn mowers.....	18.75	
Lawn mowers	45.00	
Blue prints	111.00	
Bond	3.00	
Plowing	75.00	\$12,994.26
		\$5.74

Total Receipts

Appropriation	\$13,000.00	
Interest on money invested in perpetual care of lots (estimated)	2,400.00	
		\$15,400.00
Expenditures		\$12,994.26
Excess for the year 1920.....		\$2,405.74

Respectfully submitted,

WILLIS C. GOSS

J. HENRY KUNHARDT

Cemetery Committee

Report of Planning Board

To the Honorable, the Mayor and Board of Aldermen of the City of Melrose.

Gentlemen:

The Planning Board respectfully presents this report for the year ending December 31, 1920.

During the year we have considered several matters relating to the possibilities and needs of the City; but we are not yet prepared to make further specific recommendations.

We do, however, call attention to certain of our former suggestions. These include the elimination of duplication in the names of streets, roads and courts; placing sign boards at Franklin Square, directing to Boston, Stoneham, Wakefield and Reading, and to Saugus and Lynn; and placing a sign board at the junction of Main and Upham streets, directing to the Newburyport Turnpike.

We hope that means may be found for solving the problem of extending Linwood Avenue from Grove Street to East Foster Street before that problem is further complicated.

We feel that delays in establishing a ground-plan for our future streets, along lines adapted to the inevitable future growth of our City, are likely to prove ultimately uneconomical. The lack of cross-streets leading southerly from Upham Street, the house blocking the easterly end of East Emerson Street, and certain of our courts and blind alleys, are examples of what should be avoided by a far-sighted policy in street-planning.

FRANK H. NOYES, Chairman
RICHARD H. SIRCOM
S. PEARL BROCK
CHESTER S. PATTEN
HOWARD C. MORSE
AGNES L. DODGE
LOUISA S. HUNT, Secretary

Report of City Auditor

To His Honor the Mayor, and the Board of Aldermen.

Gentlemen:

I have the honor to submit herewith a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January, 1920, and ending of the financial year on the thirty-first day of December, 1920, with a detailed statement of each department, a statement of assets and liabilities, a table showing the funded debt, the dates on which the notes and bonds were payable, together with a schedule of the City property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds, under the control of the trustees of the public library, and find proper vouchers for, and bank books showing balances as stated by them in their report.

Respectfully submitted,

WILLIAM T. WOLLEY

City Auditor.

FINANCES

The assessed valuation of the City April 1, 1920, was:

Real estate	\$18,878,800.00
Personal estate	2,206,600.00

\$21,085,400.00

Increase in valuation from April 1, 1919, to April 1, 1920 \$881,825.00

Number of dwelling houses April 1, 1920..... 3,981

Number of polls assessed..... 4,585

Population 18,371

Rate of taxation for \$1,000 April 1, 1920, \$29.50.

Appropriations:

State Tax	\$57,174.00
County Tax	23,923.37
Sewer Tax	19,111.76

Park Tax	12,381.78	
Highway Tax	461.53	
Charles River Basin Tax.....	2,177.13	
Fire Prevention Tax.....	269.13	
Eastern Massachusetts Street Railway Tax	593.47	
War Bonus Poll Tax.....	13,755.00	
City Budget	569,876.17	
Overlays	9,098.07	
	\$708,821.41	
Less Receipts	63,877.11	
	\$644,944.30	
Bonded Debt, Dec. 31, 1919.....		\$798,500.00
Increase:		
Surface Drainage Bonds.....		10,000.00
		\$808,500.00
Decrease:		
Auditorium Bonds	\$2,000.00	
Park Bonds	2,000.00	
Sewer Bonds	5,500.00	
Surface Drainage Bonds	11,000.00	
Water Bonds	17,000.00	37,500.00
Total outstanding Dec. 31, 1920.....		\$771,000.00
Decrease \$27,500.00.		

MUNICIPAL DEBT NOTES

Total outstanding Dec. 31, 1919.....	\$158,970.00
Increase	79,400.00
	\$238,370.00
Decrease	47,120.00
Total outstanding Dec. 31, 1920.....	\$191,250.00
Increase \$32,280.00.	
Notes due 1921.....	\$49,900.00
1922.....	37,800.00
1923.....	26,050.00
1924.....	22,000.00
1925.....	12,000.00
1926.....	9,000.00

REPORT OF CITY AUDITOR

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1927.....	9,000.00	
1928.....	9,000.00	
1929.....	9,000.00	
1930.....	7,000.00	
1931.....	500.00	\$191,250.00

BONDED DEBT DEC. 31, 1920

Auditorium Bonds

Due July 1, 1921 to 1931 at 4%, due each year.....	\$22,000.00
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Park Bonds

Due Nov. 1, 1921.....	\$1,000.00	
Due Dec. 1, 1921.....	1,000.00	2,000.00

School House Bonds

Due March 1, 1929, at 3½%.....	78,000.00
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Sewer Bonds

Melrose Sewer Loans:

Due June 1, 1924, at 4%.....	\$100,000.00
June 1, 1925, at 4%.....	100,000.00
July 1, 1926, at 4%.....	50,000.00
July 1, 1935, at 4%.....	10,000.00
June 1, 1937, at 4%.....	10,000.00
July 1, 1937, at 4%.....	10,000.00
July 1, 1938, at 4%.....	10,000.00
July 1, 1939, at 3½%.....	10,000.00
April 1, 1940, at 4%.....	10,000.00
May 1, 1941, at 4%.....	5,000.00
Nov. 1, 1941, at 4%.....	5,000.00
May 1, 1942, at 4%.....	10,000.00
May 1, 1921 to 1934, at 4%, serial \$500 due each year.....	7,000.00
May 1, 1921 to 1935, at 4%, serial \$500 due each year.....	7,500.00
Aug. 1, 1921 to 1926, at 4%, serial \$1,000 due each year.....	6,000.00

CITY OF MELROSE

Sept. 1, 1921 to 1927, at 4%, serial \$1,000 due each year.....	7,000.00	
Sept. 1, 1921 to 1933, at 4%, serial \$500 due each year.....	6,500.00	
May 1, 1921 to 1929, at 4½%, serial \$1,000 due each year	9,000.00	
Dec. 1, 1921 to 1923, at 4½%, serial \$1,000 due each year.....	3,000.00	\$376,000.00

Surface Drainage Bonds

Melrose Surface Drainage Loans:

Due Sept. 1, 1923, at 4%.....	\$10,000.00	
July 1, 1932, at 4%.....	100,000.00	
April 1, 1921 to 1927, at 4%, serial \$500 due each year.....	3,500.00	
April 1, 1921 to 1935, at 4%, serial \$500 due each year.....	7,500.00	
May 1, 1921 to 1934, at 4%, serial \$500 due each year.....	7,000.00	
June 1, 1921 to 1931, at 4%, serial \$1,000 due each year.....	11,000.00	
Aug. 1, 1921 to 1928, at 4%, serial \$500 due each year.....	4,000.00	
Aug. 1, 1921 to 1930, at 4%, serial \$1,000 due each year.....	10,000.00	
Sept. 1, 1921 to 1927, at 4%, serial \$500 due each year.....	3,500.00	
Nov. 1, 1921 to 1925, at 4%, serial \$500 due each year.....	2,500.00	
Dec. 1, 1921 to 1923, at 4%, serial \$500 due each year.....	1,500.00	
May 1, 1921 to 1929, at 4½%, serial \$1,500 due each year.....	13,500.00	\$174,000.00

Water Bonds

Melrose Water Loans:

Due Aug. 1, 1922, at 4%.....	\$10,000.00	
Feb. 1, 1923, at 4%.....	5,000.00	
July 1, 1925, at 4%.....	38,000.00	
April 1, 1921 to 1922, at 4%, serial \$2,000 due each year.....	4,000.00	

May 1, 1921 to 1924, at 4%, serial \$1,000 due each year.....	4,000.00	
June 1, 1921 to 1923, at 4½%, serial \$2,000 due each year.....	6,000.00	
June 1, 1921 to 1926, at 4%, serial \$1,000 due each year.....	6,000.00	
June 1, 1921 to 1932, at 3½%, serial \$2,000 due each year	23,000.00	
July 1, 1921 to 1922, at 4%, serial \$1,000 due each year.....	2,000.00	
Aug. 1, 1921 to 1923, at 4½%, serial \$1,000 due each year.....	3,000.00	
Aug. 1, 1921 to 1923, at 4%, serial \$1,000 due each year	3,000.00	
Dec. 1, 1920 to 1923, at 4%, serial \$500 due each year.....	2,000.00	
Dec. 1, 1921, at 4¼%.....	1,000.00	
Dec. 1, 1921 to 1923, at 4½%, serial \$1,000 due each year.....	3,000.00	
May 1, 1921 to 1929, at 4¼%, serial \$1,000 due each year.....	9,000.00	\$119,000.00
Total Bonded Debt		<u>\$771,000.00</u>

RECAPITULATION OF CITY DEBT

Municipal Notes.....	\$191,250.00
Net Bonded Debt.....	364,430.82
Total Debt Dec. 31, 1920.....	<u>\$555,680.82</u>
Total Debt Dec. 31, 1919.....	\$574,066.60
Decrease	18,385.78
Increase in Bonds.....	\$27,500.00
Increase in Sinking Funds.....	23,165.78
	<u>\$50,665.78</u>
Less Increase in Notes.....	32,280.00
Total Decrease	<u>\$18,385.78</u>

CASH ACCOUNT FOR 1920

Cash on hand Dec. 31, 1919.....		\$19,613.81
Receipts:		
January	\$37,689.96	
February	92,940.96	
March	155,485.80	
April	117,527.69	
May	33,598.42	
June	187,646.08	
July	45,274.65	
August	106,640.92	
September	139,546.55	
October	298,520.50	
November	193,401.36	
December	147,892.86	1,556,145.75
		\$1,575,759.56
Payments:		
January	\$36,738.10	
February	52,518.79	
March	54,856.10	
April	183,049.85	
May	72,517.74	
June	100,902.84	
July	129,321.64	
August	63,934.26	
September	147,710.25	
October	213,418.47	
November	295,582.73	
December	148,648.77	\$1,499,199.54
Cash on hand Dec. 31, 1920.....		\$76,560.02

ESTIMATED RECEIPTS

Receipts

Transferred from sundry accounts.....	\$49,294.48
---------------------------------------	-------------

Expended

Budget Appropriations	\$44,000.00	
Transferred to Excess and Deficiency.....	5,294.48	
	\$49,294.48	\$49,294.48

EXCESS AND DEFICIENCY**Receipts**

Balance from 1919.....	\$14,358.74
Transferred from sundry accounts.....	18,572.71

Expended

Budget Appropriation	\$7,553.68	
Transfer Orders to sundry accounts.....	6,266.24	
Balance to 1921.....	19,111.53	
	\$32,931.45	\$32,931.45

ASSETS AND LIABILITIES**Assets**

Amount invested in buildings, land, parks, and other property.....	\$2,423,020.91
Invested in Sinking Funds.....	406,569.18
" Sewer System	512,002.97
" Surface Drainage System.....	246,283.86
" Water System	514,464.37
	\$4,102,341.29

Liabilities

Municipal Indebtedness:		
Bonds	\$771,000.00	
Notes	191,250.00	
Trust Funds	67,974.56	1,030,224.56
Assets exceed liabilities		\$3,072,116.73

REVENUE

Taxes of 1909, balance from 1919.....		\$2.00
Taxes of 1910, balance from 1919.....		5.80
Taxes of 1915, balance from 1919.....		25.71
Taxes of 1917, balance from 1919.....	\$1,800.68	
Collected 1920.....	\$1,952.83	
Takings	12.28	1,965.11
Overpaid Dec. 31, 1920		\$164.43

Taxes of 1918, balance from 1919		\$56,001.19	
Collected 1920	\$48,400.86		
Takings	5,855.66	54,256.52	
Balance Dec. 31, 1920			\$1,744.67
Taxes of 1919, balance from 1919	\$197,760.16		
Collected 1920	141,610.17		
Balance Dec. 31, 1920			\$56,149.99
Taxes of 1920:			
Assessors' Warrant	\$644,944.30		
Collected 1920	416,494.79		
Balance Dec. 31, 1920			\$228,449.51

STREET SPRINKLING ASSESSMENTS

1910 balance Dec. 31, 1919			\$101.70
1911 balance Dec. 31, 1919			2.98
1912 balance Dec. 31, 1919			404.07
1913 balance Dec. 31, 1919			30.35
1914 balance Dec. 31, 1919			90.97
1915 balance Dec. 31, 1919			178.55
1916 balance Dec. 31, 1919			169.37
1917 balance from 1919	\$302.17		
Collected 1920	30.36		
Balance Dec. 31, 1920			271.81
1918 balance from 1919	\$1,269.79		
Collected in 1920	\$853.81		
Takings	126.59	980.40	289.39
Balance Dec. 31, 1920			
1919 balance from 1919	\$5,309.63		
Collected 1920	3,750.09		
Balance Dec. 31, 1920			1,559.54

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1920, amount of warrant	\$11,895.05	
Additional	233.68	
	\$12,128.73	
Collected 1920	2,675.14	
Balance Dec. 31, 1920		9,453.59

MOTH ASSESSMENTS

1911 balance from 1919		\$1.50
1913 balance from 1919		27.60
1915 balance from 1919		53.40
1916 balance from 1919		9.93
1918 balance from 1919	\$12.69	
Collected 1920	9.60	
Balance Dec. 31, 1920.....		3.00
1919 balance from 1919	\$13.25	
Collected 1920	9.25	
Balance Dec. 31, 1920		4.00
1920 Assessors' Warrant	\$68.50	
Collected	37.00	31.50

SEWER ASSESSMENTS

1910—Balance from 1919		9.16
1911—Balance from 1919		1.10
1913—Balance from 1919.....		240.70
1914—Balance from 1919		2,965.28
1915—Balance from 1919.....	\$607.08	
Collected 1920	8.86	
Balance Dec. 31, 1920.....		598.22
1916—Balance from 1919.....	\$100.50	
Collected 1920	56.10	
Balance Dec. 31, 1920.....		44.40

CITY OF MELROSE

1918—Balance from 1919	\$595.66	
Collected 1920.....	281.73	
Balance Dec. 31, 1920.....		313.93
1919—Balance from 1919	\$3,454.52	
Collected 1920	\$925.86	
Apportioned	2,495.27	3,421.13
Balance Dec. 31, 1920		33.39
1920—Balance from 1919	\$1,653.02	
Assessments	3,856.64	
	\$5,509.66	
Collected 1920	\$1,873.68	
Apportioned	2,884.54	4,758.22
Balance Dec. 31, 1920		751.44
1921—Balance from 1919.....	\$1,492.09	
Assessments	677.94	
	\$2,170.03	
Collected 1920	179.66	
Balance Dec. 31, 1920		1,990.37
1922—Balance from 1919	\$1,363.76	
Assessments	677.94	
	\$2,041.70	
Collected 1920	82.82	
Balance Dec. 31, 1920.....		1,958.88
1923—Balance from 1919	\$1,272.17	
Assessments	677.94	
	\$1,950.11	
Collected 1920	82.82	
Balance Dec. 31, 1920		\$1,867.29

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1924—Balance from 1919	\$1,126.07	
Assessments	551.73	
	\$1,677.80	
Collected 1920	78.57	
Balance Dec. 31, 1920		\$1,599.23
1925—Balance from 1919	\$943.17	
Assessments	449.81	
	\$1,392.98	
Collected 1920	64.09	
Balance Dec. 31, 1920		1,328.89
1926—Balance from 1919	\$619.04	
Assessments	449.81	
	\$1,068.85	
Collected 1920	28.33	
Balance Dec. 31, 1920		1,040.52
1927—Balance from 1919	\$274.92	
Assessments	449.81	
	\$724.73	
Collected 1920	11.45	
Balance Dec. 31, 1920		713.28
1928—Balance from 1919	\$95.61	
Assessments	449.81	
	\$545.42	
Collected 1920	7.28	
Balance Dec. 31, 1920		538.14
1929—Assessments	\$439.33	
Collected 1920	7.31	
Balance Dec. 31, 1920		432.02
1930—Assessments		195.39

SIDEWALK ASSESSMENTS

1910—Balance from 1919		4.91
1912—Balance from 1919		86.40
1913—Balance from 1919		100.24
1914—Balance from 1919		498.17
1915—Balance from 1919		171.10
1917—Balance from 1919	\$300.06	
Collected 1920	33.34	
Balance Dec. 31, 1920.....		\$266.72
1918—Balance from 1919	\$746.53	
Collected 1920	305.52	
Balance Dec. 31, 1920.....		441.01
1919—Balance from 1919	\$8,353.85	
Collected 1920	\$3,920.26	
Apportioned	3,937.94	7,858.20
Balance Dec. 31, 1920		495.65
1920—Balance from 1919	\$2,936.57	
Assessments	11,610.10	
	\$14,546.67	
Collected 1920	\$5,081.05	
Apportioned	3,702.37	8,783.42
Balance Dec. 31, 1920		5,763.25
1921—Balance from 1919	\$2,480.48	
Assessments	1,012.04	
	\$3,492.52	
Collected 1920	140.62	
Balance Dec. 31, 1920		3,351.90

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1922—Balance from 1919	\$2,145.79	
Assessments	1,012.06	
	\$3,157.85	
Collected 1920	109.47	
Balance Dec. 31, 1920		3,048.38
1923—Balance from 1919	\$1,885.78	
Assessments	906.92	
	\$2,792.70	
Collected 1920	72.56	
Balance Dec. 31, 1920		2,720.14
1924—Balance from 1919	\$1,732.52	
Assessments	794.55	
	\$2,527.07	
Collected 1920	59.42	
Balance Dec. 31, 1920		2,467.65
1925—Balance from 1919	\$1,664.95	
Assessments	622.80	
	\$2,287.75	
Collected 1920	57.34	
Balance Dec. 31, 1920		2,230.41
1926—Balance from 1919	\$1,351.21	
Assessments	601.86	
	\$1,953.07	
Collected 1920	44.21	
Balance Dec. 31, 1920		1,908.86
1927—Balance from 1919	\$985.96	
Assessments	601.86	
	\$1,587.82	
Collected 1920	38.31	
Balance Dec. 31, 1920		\$1,549.51

1928—Balance from 1919	\$516.11	
Assessments	601.80	
	\$1,117.91	
Collected 1920	18.14	
Balance Dec. 31, 1920		1,099.77
1929—Assessments	\$601.98	
Collected	15.01	
Balance Dec. 31, 1920		586.97
1930—Assessments		168.35

STREET BETTERMENT ASSESSMENTS

1912—Balance from 1919			79.99
1914—Balance from 1919			27.74
1915—Balance from 1919			157.32
1916—Balance from 1919			33.11
1918—Balance from 1919	\$900.16		
Collected 1920	\$181.93		
Takings	39.57		
Apportioned	202.42	423.92	
Balance Dec. 31, 1920			476.24
1919—Balance from 1919	\$888.57		
Collected 1920	732.79		
Balance Dec. 31, 1920			155.75
1920—Balance from 1919	\$1,653.93		
Assessments	2,447.73		
	\$4,101.66		
Collected 1920	\$1,891.16		
Apportioned	858.67	2,749.83	
Balance Dec. 31, 1920			1,351.83

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1921—Balance from 1919	\$1,557.30	
Assessments	106.11	
	\$1,663.41	
Collected Dec. 31, 1920	107.59	
Balance Dec. 31, 1920		1,555.82
1922—Balance from 1919	\$1,343.04	
Assessments	106.11	
	\$1,449.15	
Collected 1920	81.51	
Balance Dec. 31, 1920		1,367.64
1923—Balance from 1919	\$1,270.34	
Assessments	106.11	
	\$1,376.45	
Collected 1920	81.51	
Balance Dec. 31, 1920		\$1,294.94
1924—Balance from 1919	\$1,153.74	
Assessments	106.11	
	\$1,259.85	
Collected 1920	81.50	
Balance Dec. 31, 1920		1,178.35
1925—Balance from 1919	\$957.13	
Assessments	106.11	
	\$1,063.24	
Collected 1920	49.57	
Balance Dec. 31, 1920		1,013.67

1926—Balance from 1919	\$859.58	
Assessments	106.11	
	\$965.69	
Collected 1920	49.59	
Balance Dec. 31, 1920		916.10
1927—Balance from 1919	\$571.06	
Assessments	106.11	
	\$677.17	
Collected 1920	30.81	
Balance Dec. 31, 1920		646.36
1928—Balance from 1919	\$295.00	
Assessments	106.11	
	\$401.11	
Collected 1920	19.22	
Balance Dec. 31, 1920		381.89
1929—Balance from 1919	\$31.74	
Assessments	106.07	
	\$137.81	
Collected 1920	9.60	
Balance Dec. 31, 1920		128.21
1930—Assessments		11.04

WATER RATES

1916—Balance from 1919	\$517.68	
Collected 1920	10.00	
Balance Dec. 31, 1920		\$507.68
1917—Balance from 1919	\$664.72	
Collected 1920	31.68	
Balance Dec. 31, 1920		633.04

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1918—Balance from 1919	\$791.73	
Collected 1920	98.28	
Balance Dec. 31, 1920		693.45
1919—Balance from 1919	\$1,287.54	
Rates Committed	7,151.70	
	\$8,439.24	
Collected 1920	8,125.49	
Balance Dec. 31, 1920		313.75
1920—Rates Committed	\$45,241.10	
Collected 1920	43,522.30	
Balance Dec. 31, 1920		1,718.80

WATER INCOME

Receipts

Balance from 1919		\$1,185.88
From Water Rates	\$51,825.18	
From Summonses	105.60	
Refunded from Maintenance	3,479.57	55,410.35

Payments:

Appropriation	\$20,000.00	
Interest on Bonds	4,972.50	
Commonwealth of Massachusetts. Metro-		
politan Water Charges.....	23,153.10	
City of Malden. Water Rates	29.23	
Refunds	77.85	
	\$48,232.68	
Balance to 1921	8,363.55	
	\$56,596.23	\$56,596.23

TAX TITLES

Balance from 1919	\$57.89
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TAX TAKINGS

Balance from 1919	\$17,278.44	
Additional 1920	6,034.10	
	\$23,312.54	
Collected 1920	7,432.49	
Balance Dec. 31, 1920		\$15,880.05

REAL ESTATE TAKEN BY CITY

Balance Dec. 31, 1919	\$5,651.95	
Collected 1920	41.68	
Balance Dec. 31, 1920		5,610.27

SEWER ASSESSMENT TAKINGS

Balance Dec. 31, 1919	415.78
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COMMONWEALTH OF MASSACHUSETTS

Balance Dec. 31, 1919	\$5,916.38	
Pay Rolls, State Aid, Civil War	2,346.00	
Pay Roll, State Aid, German War	160.00	
Pay Rolls, Military Aid, German War	190.00	
	\$8,612.38	
Cash Received November, 1920	5,916.38	
Balance Dec. 31, 1920		2,696.00

COMMONWEALTH OF MASSACHUSETTS—Commissioner of Taxes**Income Tax Collected by Commonwealth**

Received 1920		80,835.51
Balance Dec. 31, 1919	\$5.30	
Assessors' Warrants	63,877.11	
Transferred to Revenue of 1920	6,468.00	
Balance Dec. 31, 1920	10,485.10	
	\$80,835.51	\$80,835.51

Grants and Gifts

Receipts:

Middlesex County Dog Tax		\$1,187.88
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Expended:

Transferred to Estimated Receipts	\$1,187.88	
	\$1,187.88	\$1,187.88

Bank and Corporation Tax

Receipts:

From Commonwealth		\$17,679.60
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Expended:

Transferred to Highway Division, repairing	\$556.92	
Transferred to Estimated Receipts	17,122.68	
	\$17,679.60	\$17,679.60

General Government

ALDERMEN—Salaries and Wages

Receipts:

Appropriation	\$800.00
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Expended:

Salary of Clerk of Committees	\$800.00	
	\$800.00	\$800.00

Other Expenses:

Appropriation	\$550.00
Transfer Order No. 12091 from Excess and Deficiency	150.00

Expended:

Inaugural	\$101.00	
Advertising	57.00	
Express and Carfare	1.19	
Flowers	18.00	
Gavel	11.90	
Printing	195.80	
Postage	8.57	
Serving papers and posting notices.....	23.50	
Telephone	22.36	
Supplies	68.45	
Engrossing Testimonials	40.00	
Auto Hire	23.50	
Miscellaneous	3.00	
Order No. 11645	75.00	
Balance to Excess and Deficiency	50.73	
	\$700.00	\$700.00

MAYOR—Salaries and Wages

Receipts:

Appropriation	\$1,720.00
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REPORT OF CITY AUDITOR

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Expended:

Salary of Mayor	\$1,000.00	
Salary of Clerk	720.00	
	<u>\$1,720.00</u>	<u>\$1,720.00</u>

Other Expenses

Appropriation		\$280.00
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Expended:

Postage	\$38.00	
Stationery	21.75	
Telephone	56.49	
Printing	6.50	
Typewriter	49.00	
Miscellaneous	9.86	
Balance to Excess and Deficiency	98.40	
	<u>\$280.00</u>	<u>\$280.00</u>

AUDITOR—Salaries and Wages

Receipts:

Appropriation	\$2,000.00
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Expended:

Salary of Auditor	\$1,994.22	
Balance to Excess and Deficiency	5.78	
	<u>\$2,000.00</u>	<u>\$2,000.00</u>

Other Expenses

Appropriation	\$250.00	
Balance from 1919	17.57	267.57
	<u></u>	<u></u>

Expended:

Books and Stationery	\$124.13	
Postage and Box Rent	7.80	
Miscellaneous	17.35	
Balance to 1921	118.29	
	<u>\$267.57</u>	<u>\$267.57</u>

TREASURER—Salaries and Wages**Receipts:**

Appropriation	\$2,840.00
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Expended:

Salary of Treasurer	\$1,800.00	
Salary of Clerk	1,029.18	
Balance to Excess and Deficiency	10.82	
	\$2,840.00	\$2,840.00

Other Expenses

Appropriation	\$750.00
Balance from 1919	148.56

Expended:

Official Bond	\$150.00	
Books, Stationery and Printing	177.64	
Postage and Box Rent	131.47	
Telephone	44.55	
Carriage Hire Pay Days	6.00	
Addition to Vault Fittings	43.50	
Miscellaneous	69.09	
Transfer Order No. 13073	150.00	
Balance to 1921	126.31	
	\$898.56	\$898.56

Certification of Bonds and Notes**Receipts:**

Balance from 1919	\$285.00
Appropriation	650.00
Transfer Order No. 13073	150.00

Expended:

Paid Old Colony Trust Co.....	\$785.00	
Balance to 1921	300.00	
	\$1,085.00	\$1,085.00

Administration of Invested Funds

Appropriation		\$200.00
Expended:		
Salary of Treasurer of Sinking Funds	\$200.00	
	\$200.00	\$200.00

COLLECTOR—Salaries and Wages

Appropriation		\$3,780.00
Expended:		
Salary of Collector	\$1,175.00	
Salary of Clerks	2,580.00	
Balance to Excess and Deficiency	25.00	
	\$3,780.00	\$3,780.00

Other Expenses

Appropriation		\$1,818.00
Expended:		
Official Bond	\$250.00	
Books, Stationery and Printing	296.55	
Postage and Box Rent	158.70	
Advertising	299.85	
Recording Takings, etc.....	190.29	
Telephone	29.33	
Clerk Hire	47.00	
Distributing Tax Bills	100.00	
Miscellaneous	112.75	
Balance to Excess and Deficiency.....	333.53	
	\$1,818.00	\$1,818.00

ASSESSORS—Salaries and Wages

Appropriation		\$3,500.00
Expended:		
Salaries of Assessors	\$1,500.00	
Salaries of Assistant Assessors.....	300.00	
Salary of Clerk	1,700.00	
	\$3,500.00	\$3,500.00

Other Expenses

Appropriation	\$1,400.00
Balance from 1919	76.83
Cash	.08

Expended:

Abstracts of deeds and transfers	\$106.05	
Use of Auto	150.00	
Auto List Publishing Co.....	30.00	
Books and Stationery	192.75	
Printing Poll Books	637.80	
Clerical Services	237.13	
Telephone	26.24	
Postage	2.00	
Car Fares	8.00	
Miscellaneous	11.98	
Furniture	75.00	
	\$1,476.95	\$1,476.91
Overdraft to 1921		.04
	\$1,476.95	\$1,476.95

CITY CLERK—Salaries and Wages

Appropriation	\$2,600.00
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Expended:

Salary of City Clerk	\$1,800.00	
Salary of Assistant Clerk	800.00	
	\$2,600.00	\$2,600.00

Other Expenses

Appropriation	\$440.00
Transfer Order No. 11969	42.50

Expended:

Official Bond	\$5.00
Books, Stationery and Printing	212.61
Postage and Box Rent	24.09
Clerical Services	9.00

Car Fares	29.30	
Telephone	85.13	
Recording Papers	12.50	
Steel Ladder for Vault	42.50	
Miscellaneous	57.43	
Balance to Excess and Deficiency	4.94	
	\$482.50	\$482.50

PRINTING RULES AND ORDERS OF BOARD OF ALDERMEN

Balance from 1919		\$25.00
Balance transferred to Excess and Deficiency	\$25.00	
	\$25.00	\$25.00

CITY SOLICITOR—Salaries and Wages

Appropriation		\$1,000.00
Expended:		
Salary of Solicitor	\$1,000.00	
	\$1,000.00	\$1,000.00

Other Expenses

Balance from 1919		\$12.00
Appropriation		25.00
Expended:		
Copying	\$2.00	
Expense at Hearing	5.63	
Balance to Excess and Deficiency	29.37	
	\$37.00	\$37.00

Order No. 10623C Revision of Charter and Ordinances

Appropriation		\$330.00
Expended:		
City Solicitor, Personal Compensation and reimbursement for cash paid out	\$330.00	
	\$330.00	\$330.00

CITY PLANNING BOARD

Appropriation		\$50.00
No expenditures.		
Balance to Excess and Deficiency	\$50.00	
	\$50.00	\$50.00

BOARD OF SURVEY

Appropriation		\$50.00
Expended:		
Printing Notice of Hearing	\$5.25	
Balance to Excess and Deficiency	44.75	
	\$50.00	\$50.00

CITY PHYSICIAN—Salaries and Wages

Appropriation		\$630.00
Transfer Order No. 11699		45.00
Expended:		
Overdraft of 1919	\$45.00	
Salary of Physician	630.00	
	\$675.00	\$675.00

ELECTION AND REGISTRATION—Salaries and Wages

Appropriation		\$2,965.00
Transfer Order No. 12080		360.00
Transfer Order No. 11992		262.50
Expended:		
Salaries of Registrars	\$400.00	
Salaries of Election Officers	2,097.50	
Salaries of Police Officers	291.35	
Clerical Services	421.53	
Janitor Services	43.83	
Posting Notices, etc.	54.00	
Labor on Booths	204.00	
Transfer Order No. 13031	70.00	
Balance to Excess and Deficiency	5.29	
	\$3,587.50	\$3,587.50

Other Expenses

Appropriation	\$1,157.00
Transfer Order No. 12080	1,000.00
Transfer Order No. 13031	70.00
Transfer Order No. 13042.....	100.00
Transfer Order No. 13063.....	15.00

Expended:

Advertising	\$265.25	
Books and Stationery	63.94	
Printing	1,071.28	
Postage	207.35	
Rent of Polling Places	235.00	
Fuel and Lights	32.40	
Repairs to Boxes	26.35	
New Boxes	70.00	
New Booths	211.14	
Furniture	48.00	
Meals	31.69	
Miscellaneous	79.46	
Balance to Excess and Deficiency	.14	
	\$2,342.00	\$2,342.00

PUBLIC WORKS DEPARTMENT

(For details see Report of Engineer and Superintendent)

PUBLIC WORKS OFFICE—Salaries and Wages

Appropriation	\$4,125.00
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Expended:

Salary of Engineer and Superintendent....	\$2,625.00	
Clerical Services	1,231.08	
Balance to Excess and Deficiency	268.92	
	\$4,125.00	\$4,125.00

Other Expenses

Appropriation	\$900.00
Cash	3.10

Expended:

Pay rolls and bills paid	\$696.11	
Transfer Order No. 13041.....	200.00	
Balance to Excess and Deficiency	6.99	
	\$903.10	\$903.10

VACATIONS

Appropriation	\$4,000.00
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Expended:

Pay Rolls	\$3,572.20	
Balance to Excess and Deficiency.....	427.80	
	\$4,000.00	\$4,000.00

ENGINEERING—Salaries and Wages

Appropriation	\$6,000.00
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Expended:

Payrolls and Transfer bills	\$5,393.81	
Transfer Order No. 13014	250.00	
Transfer Order No. 13041.....	300.00	
Balance to Excess and Deficiency	56.19	
	\$6,000.00	\$6,000.00

Other Expenses

Appropriation	\$800.00
Cash	50.00

Expended:

Bills Paid	\$639.33	
Transfer Bills	206.62	
Balance to Excess and Deficiency	4.05	
	\$850.00	\$850.00

CITY HALL—Salaries and Wages

Appropriation	\$2,000.00
Transfer Order, No. 11981	72.00
Transfer Order, No. 13,014	250.00

Expended:

Pay Rolls and Transfer bills	\$2,301.46
Balance to Excess and Deficiency	20.54
	\$2,322.00
	\$2,322.00

Other Expenses

Appropriation	\$3,000.00
Transfer Bills	45.81
Transfer Order, No. 13,041	500.00
Cash	22.66

Expended:

Bills and Payrolls	\$3,544.94
Balance to Excess and Deficiency	23.53
	\$3,568.47
	\$3,568.47

Repairs to Outside

Appropriation	\$1,000.00
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Expended:

Bills Paid	\$994.27
Balance to Excess and Deficiency	5.73
	\$1,000.00
	\$1,000.00

AUDITORIUM—Salaries and Wages

Appropriation	\$3,000.00
Transfer Order, No. 11,981	72.00

Expended:

Pay Rolls	\$2,056.60
Transfer Bill	29.70
Transfer Order, No. 13,014	900.00
Balance to Excess and Deficiency	85.70
	\$3,072.00
	\$3,072.00

Other Expenses

Appropriation	\$5,000.00
Transfer Order, No. 13,014	900.00
Cash	5.44

Expended:

Bills paid	\$4,315.01	
Transfer Bills	11.08	
Transfer Order, No. 11,747	1,000.00	
Balance to Excess and Deficiency	579.35	
	\$5,905.44	\$5,905.44

PROTECTION OF LIFE AND PROPERTY

POLICE DEPARTMENT—Salaries and Wages

Appropriation	\$31,137.98
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Expended:

Pay Rolls	\$30,567.55	
Transfer Order, No. 13,032	200.00	
Balance to Excess and Deficiency	370.43	
	\$31,137.98	\$31,137.98

Horse and Care of Same

Appropriation	\$127.74
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Expended:

Board of Horse	\$110.00	
Horse Shoeing	11.89	
Repairs to Harness	5.85	
	\$127.74	\$127.74

Equipment and Repairs

Appropriation	\$550.00
Transfer Order, No. 12,098	100.00
Transfer Order, No. 13,032	100.00
Cash	10.00

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Expended:

Equipment	\$162.27	
Repairs to Equipment, etc.....	567.19	
Balance to Excess and Deficiency.....	30.54	
	\$760.00	\$760.00

Other Expenses

Appropriation	\$1,000.00
Transfer Order, No. 12,008	100.00
Transfer Order, No. 13,032	100.00

Expended:

Books and Stationery	\$ 73.71	
Postage and Box Rent	5.33	
Car Fares	14.90	
Meals	11.35	
Telephone	140.10	
Auto Insurance	39.50	
Storage Auto and Ambulance	475.50	
Gas-o'line, Oil, Grease, Labor, etc.....	366.40	
Miscellaneous	44.88	
Balance to Excess and Deficiency.....	28.33	
	\$1,200.00	\$1,200.00

Signal Box Maintenance

Appropriation	\$1,000.00
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Expended:

Batteries, etc.	\$42.30	
Equipment and Supplies	718.60	
Pay Roll	9.00	
Auto and Horse Hire	27.00	
Repairs	10.70	
Miscellaneous	17.27	
Balance to Excess and Efficiency	175.13	
	\$1,000.00	\$1,000.00

Ambulance Fund

Balance from 1919	\$16.16
Cash	56.00

Expended:

Repairs	\$7.00	
Furnishings	3.00	
Horse Hire	2.00	
Balance to 1920	60.16	
	\$72.16	\$72.16

Fines and Forfeits

Balance from 1919	\$408.49
Receipts from 1st District Court.....	154.49

Expended:

Expense Committing Prisoners to E. Cam- bridge Jail	\$63.49	
Transferred to Excess and Deficiency	408.49	
Balance to 1921	91.00	
	\$562.98	\$562.98

FIRE DEPARTMENT—Salaries and Wages

Appropriation	\$29,793.32
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Expended:

Pay Rolls, Call Men	\$3,675.00	
Pay Rolls, Permanent Men	24,354.31	
Transfer Order, No. 12,087	1,300.00	
Transfer Order, No. 13,072	61.24	
Balance to Excess and Deficiency	402.77	
	\$29,793.32	\$29,793.32

Horses and Care of Same

Appropriation	\$500.00
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Expended:

Hay, Grain, etc.	\$203.88	
Horse Shoeing	19.26	
Horse Hire	140.00	
Miscellaneous	2.54	
Balance to Excess and Deficiency	134.32	
	\$500.00	\$500.00

Fuel and Light

Appropriation	\$1,500.00
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Expended:

Coal and Wood	\$859.03	
Electric Lighting	136.82	
Gas Lighting	149.95	
Gasoline and Oil	329.49	
Miscellaneous	9.45	
Balance to Excess and Deficiency	15.26	
	\$1,500.00	\$1,500.00

Equipment and Repairs

Appropriation	\$1,125.00
Transfer Order, No. 12,087	1,300.00

Expended:

Equipment	\$329.00	
Purchase Reo Chassis	1,555.00	
Parts and Repairs to Equipment	492.77	
Miscellaneous	4.88	
Balance to Excess and Deficiency	43.35	
	\$2,425.00	\$2,425.00

Repairs on Buildings

Appropriation	\$400.00
Balance from 1919	383.95
Transfer Order, No. 13,072	45.73

Expended:

Contract cutting doorway, etc.	\$290.00	
Lumber	23.65	
Fixtures	18.00	
Hardware, Stock, Labor, on Repairs.....	449.62	
Balance to 1921	48.41	
	\$829.68	\$829.68

Other Expenses

Appropriation	\$800.00
Transfer Order, No. 13,072	15.51

Expended:

Bedding, Laundry, etc.	\$187.68	
Supplies	299.56	
Printing and Advertising	9.25	
Postage	3.50	
Telephone	152.64	
Freight and Express	27.54	
Chauffeurs' Licenses and Renewals	36.00	
Storage	13.00	
Miscellaneous	71.16	
Balance to 1921	15.18	
	\$815.51	\$815.51

Purchase of Hose

Appropriation	\$500.00
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Expended:

Bills Paid	\$500.00	
	\$500.00	\$500.00

Fire Alarm Maintenance

Balance from 1919	\$90.21
Appropriation	1,600.00

Expended:

Pay Rolls	\$43.60	
Equipment and Supplies	1,473.60	
Auto Hire	24.50	
Freight and Express	11.99	
Telephone	41.51	
Miscellaneous	24.19	
Balance to Excess and Deficiency	70.82	
	\$1,690.21	\$1,690.21

INSPECTOR OF BUILDINGS—Salaries and Wages

Appropriation	\$600.00
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Expended:

Salary of Inspector	\$600.00	
	\$600.00	\$600.00

Other Expenses

Balance from 1919	\$75.00
Appropriation	25.00

Expended:

Printing	\$100.00	
	\$100.00	\$100.00

INSPECTOR OF WIRES—Salaries and Wages

Appropriation	\$1,450.00
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Expended:

Pay Rolls	\$1,450.00	
	\$1,450.00	\$1,450.00

Other Expenses

Appropriation	\$100.00
Transfer Order, No. 13,000	50.00

Expended:

Telephone	\$43.74	
Printing and Postage	38.50	
Auto Hire	30.50	
Miscellaneous	21.35	
Balance to Excess and Deficiency	15.91	
	\$150.00	\$150.00

Wires, Lay Conduits Main Street for Police Signal and Fire Alarm
Wires

Appropriation	\$250.00
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Expended:

Stock and Labor	\$104.01	
Transfer Order, No. 13,000	50.00	
Balance to Excess and Deficiency	95.99	
	\$250.00	\$250.00

SEALER OF WEIGHTS AND MEASURES—Salaries and Wages

Appropriation	\$840.00
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Expended:

Salary of Sealer	\$840.00	
	\$840.00	\$840.00

Other Expenses

Appropriation	\$75.00
Transfer Order No. 12063	25.00

Expended:

Dies, Seals, etc.	\$37.49	
Measures	14.70	
Printing and Stationery	6.00	
Trucking	17.69	
Miscellaneous	11.00	
Balance to Excess and Deficiency	13.12	
	\$100.00	\$100.00

Purchase and Installation of Public Scales

Appropriation		\$1,200.00
Expended:		
Purchase of Scales	\$750.00	
Installation	265.45	
Transfer Order No. 12063	25.00	
Balance to Excess and Deficiency	159.55	
	\$1,200.00	\$1,200.00

FORESTRY

Gypsy and Brown Tail Moth

Appropriation		\$1,750.00
Refund of Liability Insurance		32.85
Expended:		
Pay Rolls	\$1,580.67	
Supplies	180.37	
Storage	10.00	
Postage	2.00	
Miscellaneous	5.25	
Balance to Excess and Deficiency	4.56	
	\$1,782.85	\$1,782.85

Other Insect Pests

Appropriation		\$1,000.00
Expended:		
Pay Rolls	\$615.75	
Equipment and Supplies	178.60	
Spraying and Teams	187.80	
Storage	10.00	
Balance to Excess and Deficiency	7.85	
	\$1,000.00	\$1,000.00

Gypsy and Brown Tail Moth Work (Private)

Appropriation		\$350.00
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Expended:

Pay Rolls	\$192.75	
Supplies	61.87	
Spraying	46.50	
Storage	10.00	
Balance to Excess and Deficiency	38.88	
	\$350.00	\$350.00

Care of Trees

Appropriation	\$800.00
Transfer Order, No. 12,022	396.00
Transfer Order, No. 13,014	400.00

Expended:

Pay Rolls	\$1,011.07	
Men and Teams	115.51	
Insurance and Tools	109.61	
Balance to Excess and Deficiency	359.81	
	\$1,596.00	\$1,596.00

Planting New Trees

Appropriation	\$500.00
Cash from Individuals	27.50

Expended:

Advertising	\$2.25	
Men and Teams	68.75	
Loam	28.00	
Trees	32.50	
Transfer Order, No. 12022	396.00	
	\$527.50	\$527.50

HEALTH AND SANITATION

(For detail see report of Board of Health)

Health Department, General Administration

Appropriation	\$1,850 00
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Expended:

Salary of Board of Health	\$870.00	
Salary of Clerk	653.42	
Books, Stationery and Postage	51.61	
Advertising	8.25	
Postage	23.50	
Telephone	55.01	
Use of Auto	90.00	
Miscellaneous	26.81	
Balance to Excess and Deficiency.....	71.40	
	\$1,850.00	\$1,850.00

Quarantine and Contagious Diseases

Appropriation	\$2,500.00
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Expended:

Cash Orders	\$67.14	
Bills Paid	1,108.86	
Balance to Excess and Deficiency	1,324.00	
	\$2,500.00	\$2,500.00

Tuberculosis

Appropriation	\$1,500.00
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Expended:

Bills Paid	\$324.36	
Balance to Excess and Deficiency	1,175.64	
	\$1,500.00	\$1,500.00

Vital Statistics

Appropriation		\$300.00	
Expended:			
For returns of Births and Deaths	\$60.75		
Balance to 1921	239.25		
		\$300.00	\$300.00

Other Expenses

Appropriation		\$1,700.00	
Expended:			
Bills Paid	\$1,616.53		
Transferred to Burial of Dead Animals.....	57.75		
Balance to Excess and Deficiency.....	25.72		
		\$1,700.00	\$1,700.00

Inspection of School Children

Appropriation		\$450.00	
Expended:			
Salaries of Inspectors	\$450.00		
		\$450.00	\$450.00

Inspection of Animals and Slaughtering

Appropriation		\$200.00	
Expended:			
Salaries of Inspector	\$163.03		
Inspection of Markets, etc.	2.00		
Balance to Excess and Deficiency	34.92		
		\$200.00	\$200.00

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Inspection of Milk

Appropriation		\$100.00
Expended:		
Salary of Inspector	\$100.00	
	\$100.00	\$100.00

Inspection, Milk Analysis

Appropriation		\$400.00
Expended:		
Salary of Inspector	\$400.00	
	\$400.00	\$400.00

Public Health Nurse

Appropriation		\$700.00
Expended:		
Salary of Nurse	\$700.00	
	\$700.00	\$700.00

SANITATION

(For details see report of Engr. and Supt., Public Works)

Sewer Division Maintenance

Appropriation		\$2,000.00
Cash from Individuals		208.25
Expended:		
Pay Rolls	\$1,769.80	
Bills and Transfer Bills Paid	438.45	
	\$2,208.25	\$2,208.25

Surface Drainage Maintenance

Appropriation	\$5,000.00
Cash Received	3.33

Expended:

Pay Rolls	\$4,152.87	
Bills and Transfer Bills Paid	847.03	
Balance to Excess and Deficiency	3.43	
	\$5,003.33	\$5,003.33

Collection of Ashes and Rubbish

Appropriation	\$11,000.00
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Expended:

Transfer Bills	\$3,039.62	
Pay Rolls	7,960.38	
	\$11,000.00	\$11,000.00

Refuse and Garbage Disposal

Appropriation	\$5,300.00
Cash refund	3.38

Expended:

Pay Rolls	\$5,230.00	
Balance to Excess and Deficiency	73.38	
	\$5,303.38	\$5,303.38

Burial of Dead Animals

Transfer from Health, other Expenses....	\$57.75
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Expended:

Bills Paid	\$57.75	
	\$57.75	\$57.75

Street Cleaning

Appropriation	\$6,000.00
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Expended:

Transfer Bills	\$506.78	
Pay Rolls	5,493.22	
	\$6,000.00	\$6,000.00

Cleaning Brooks

Appropriation		\$2,000.00	
Expended:			
Pay Rolls and Transfer Bills.....	\$1,998.99		
Balance to Excess and Deficiency	1.01		
	\$2,000.00		\$2,000.00

HIGHWAYS

(For details see report of Engr. & Supt. Public Works)

General Administration

Appropriation		\$3,000.00	
Expended:			
Pay Rolls	\$2,485.00		
Use of Auto	515.00		
	\$3,000.00		\$3,000.00

Maintenance and Repairing

Balance from 1919		\$1,577.93	
Appropriation		35,000.00	
Street Railway Tax		556.92	
Cash Received		333.74	
Expended:			
Pay Rolls and Bills Paid	\$36,986.52		
Balance to 1921	482.07		
	\$37,468.59		\$37,468.59

Individual Walks

Balance from 1919		\$1,246.15	
Appropriation		1,000.00	
Cash, Estimates received		2,023.26	
Expended:			
Pay Rolls and Bills Paid	\$2,409.75		
Transfer Order No. 13014	800.00		
Estimates Refunded	279.21		
Balance to 1921	780.45		
	\$4,269.41		\$4,269.41

CITY OF MELROSE

Sidewalk Repairs

Appropriation	\$3,000.00
Transfer Order No. 13014	800.00

Expended:

Pay Rolls and Bills	\$3,661.74	
Balance to Excess and Deficiency	138.26	
	\$3,800.00	\$3,800.00

Street Sprinkling

Appropriation	\$1,000.00
Assessments Collected	12,169.40

Expended:

Overdraft of 1919	\$3,588.13	
Pay Rolls and Bills	13,128.73	
Overdraft to 1921		3,547.46
	\$16,716.86	\$16,716.86

Street Lighting

Appropriation	\$22,000.00
Park Dept. Bill	270.00

Expended:

Bills Paid (Contract)	\$21,654.42	
Balance to Excess and Deficiency	615.58	
	\$22,270.00	\$22,270.00

Street Signs and Numbers

Appropriation	\$500.00
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Expended:

Pay Rolls and Bills	\$315.85	
Balance to Excess and Deficiency	184.15	
	\$500.00	\$500.00

Removal of Snow from Ell Pond

Appropriation		\$74.91	
Expended:			
Pay Rolls	\$61.38		
Balance to Excess and Deficiency	13.53		
	\$74.91		\$74.91

Removal of Snow and Ice and Sanding Walks

Appropriation		\$10,000.00	
Expended:			
Pay Rolls	\$10,000.00		
	\$10,000.00		\$10,000.00

Charities, General Administration

Appropriation		\$1,250.00	
Expended:			
Salaries, Board of Overseers	\$800.00		
Salaries, Clerk	133.50		
Stationery and Printing	73.25		
Postage	22.72		
Telephone	51.46		
Transportation	8.50		
Transfer Order No. 13015	150.00		
Balance to Excess and Deficiency	10.57		
	\$1,250.00		\$1,250.00

Outside Relief by City

Appropriation	\$4,500.00
Transfer Order No. 13015	150.00
Transfer Order No. 13065	500.00

Expended:

Cash Orders	\$2,333.50	
Board	956.14	
Rent	953.37	
Food	462.82	
Fuel	234.05	
Clothing	55.89	
Medical Attendance and Medicine	52.62	
Burials	90.00	
Miscellaneous	6.00	
Balance to Excess and Deficiency	5.61	
	\$5,150.00	\$5,150.00

Relief by Other Cities and Towns

Appropriation	\$4,000.00
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Expended:

To Commonwealth	\$2,422.12	
To Hospital School	190.29	
To Cities	149.43	
Transfer Order No. 13015	500.00	
Transfer Order No. 13065	500.00	
Balance to Excess and Deficiency	238.16	
	\$4,000.00	\$4,000.00

Mothers' Aid

Appropriation	\$5,000.00
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Expended:

Cash Orders, etc.	\$4,789.66	
Food	70.81	
Fuel	28.35	
Balance to Excess and Deficiency	111.18	
	\$5,000.00	\$5,000.00

Maintenance in Hospitals

Appropriation	\$1,000.00
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Expended:

Melrose Hospital	\$978.71	
Balance to Excess and Deficiency	21.29	
	\$1,000.00	\$1,000.00

E. Toothaker Fund

Balance from 1919		\$1,536.94
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Expended:

Bills Paid	\$102.74	
Balance to 1921	1,434.20	
	\$1,536.94	\$1,536.94

A. C. Marie Currier Fund

Balance from 1919		\$1,732.64
Received from Trustees		1,000.00

Expended:

Bills Paid	\$1,336.83	
Balance to 1921	1,395.81	
	\$2,732.64	\$2,732.64

Community Civics Fund**Melrose High School, Class of 1918**

Balance from 1919		\$2.86
Interest on Liberty Bond 1920		2.13
Balance to 1921	\$4.99	
	\$4.99	\$4.99

SOLDIERS' BENEFITS**General Administration**

Appropriation		\$300.00
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Expended:

Salary of Agent	\$300.00	
	\$300.00	\$300.00

State Aid

(Due from Commonwealth November, 1921)

Expended:

Pay Rolls—Civil War	\$2,346.00
Pay Rolls—German War	160.00
	\$2,506.00

Military Aid

One-half due from Commonwealth November, 1921)

Balance from 1919	\$65.00
Appropriation	500.00
Due from Commonwealth November, 1921..	190.00

Expended:

Pay Rolls	\$380.00	
Balance to 1921	375.00	
	\$755.00	\$755.00

Soldiers Relief

Appropriation	\$3,500.00
Cash	3.50

Expended:

Cash	\$2,161.00	
Rent	120.00	
Fuel	765.76	
Medical Attendance and Medicine.....	163.25	
Transportation	1.00	
Transfer Order No. 11743	260.00	
Balance to Excess and Deficiency	32.49	
	\$3,503.50	\$3,503.50

Other Expenses

Appropriation	\$75.00
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Expended:

Stationery and Printing	\$13.75	
Typewriting	42.00	
Postage	7.84	
Car Fares	2.80	
Balance to Excess and Deficiency	8.61	
	\$75.00	\$75.00

SCHOOL DEPARTMENT

(For details see report of School Committee)

Administration, Salaries

Appropriation	\$4,000.00
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Expended:

Salary of Superintendent	\$4,000.00	
	\$4,000.00	\$4,000.00

Other General Salaries

Appropriation	\$1,550.00
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Expended:

Salary Attendance Officer	\$500.00	
Salary Clerk	1,050.00	
	\$1,550.00	\$1,550.00

Other General Expenses

Appropriation	\$1,200.00
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Expended:

Bills Paid	\$1,198.47	
Balance to Excess and Deficiency	1.53	
	\$1,200.00	\$1,200.00

Teachers' Salaries

Appropriation		\$161,600.00
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Expended:

Salaries	\$156,758.52	
Transfer Order No. 12078	3,500.00	
Balance to Excess and Deficiency	341.48	
	\$161,600.00	\$161,600.00

Text Books and Supplies

Appropriation		\$9,000.00
Transfer Order No. 12078		1,500.00
Transfer Order No. 13080		500.00
Refund		5.83
Cash		3.75

Expended:

Bills Paid	\$11,000.04	
Balance to Excess and Deficiency	9.54	
	\$11,009.58	\$11,009.58

Tuition

Appropriation		\$3,000.00
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Expended:

Bills Paid	\$2,476.63	
Transfer Order No. 13080	500.00	
Balance to Excess and Deficiency	23.37	
	\$3,000.00	\$3,000.00

Transportation

Appropriation		\$1,000.00
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Expended:

For Barge Service	\$999.00	
Balance to Excess and Deficiency	1.00	
	\$1,000.00	\$1,000.00

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Support of Truants

Appropriation		\$400.00
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Expended:

Middlesex County Training School	\$308.13	
Balance to Excess and Deficiency	91.87	
	\$400.00	\$400.00

Janitor Services

Appropriation		\$15,550.00
Cash		19.00

Expended:

Pay Rolls	\$15,053.68	
Transfer Order No. 12078	400.00	
Balance to Excess and Deficiency	115.32	
	\$15,569.00	\$15,569.00

Fuel and Light

Appropriation		\$14,000.00
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Expended:

Bills Paid	\$13,968.14	
Balance to Excess and Deficiency	31.86	
	\$14,000.00	\$14,000.00

Maintenance of Buildings and Grounds

Appropriation		\$10,000.00
Transfer Order No. 12078		1,900.00

Expended:

Bills Paid	\$11,898.64	
Balance to Excess and Deficiency	1.36	
	\$11,900.00	\$11,900.00

CITY OF MELROSE

Furniture and Furnishings

Appropriation	\$800.00	
Transfer Order No. 12078	500.00	

Expended:

Bills Paid	\$1,291.62	
Balance to Excess and Deficiency	8.38	
	\$1,300.00	\$1,300.00

Other Expenses

Appropriation	\$800.00	
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Expended:

Bills Paid	\$778.57	
Balance to Excess and Deficiency	21.43	
	\$800.00	\$800.00

Vacation and Night Schools

Appropriation	\$600.00	
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Expended:

For Teaching	\$459.64	
Balance to Excess and Deficiency	140.36	
	\$600.00	\$600.00

Fire Protection for School Buildings

Balance from 1919	\$658.57	
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Expended:

Bills Paid	\$603.15	
Balance to Excess and Deficiency	55.42	
	\$658.57	\$658.57

School Nurse

Appropriation		\$800.00
Expended:		
Salary of Nurse	\$800.00	
	\$800.00	\$800.00

Equipment and Supplies for Athletic Teams, High School

Balance from 1919		\$2.46
Transfer Order No. 12035		500.00
Expended:		
Bills Paid	\$485.30	
Balance to Excess and Deficiency	17.16	
	\$502.46	\$502.46

Coaches for Athletic Teams, High School

Appropriation		\$300.00
Balance from 1919		300.00
Transfer Order No. 13001		400.00
Expended:		
Coach for Basket Ball Team	\$85.51	
Coach for Hockey Team	200.00	
Coach for Base Ball Team.....	300.00	
Coach for Foot Ball Team	400.00	
Balance to Excess and Deficiency	\$14.49	
	\$1,000.00	\$1,000.00

Physical Laboratory Equipment

Balance from 1919		\$500.00
Appropriation		1,000.00
Expended:		
Bills Paid	\$553.14	
Balance to 1921	946.86	
	\$1,500.00	\$1,500.00

Chemical Laboratory

Appropriation		\$500.00	
Expended:			
Bills Paid	\$461.17		
Balance to Excess and Deficiency	38.83		
		\$500.00	\$500.00

Biological Laboratory

Appropriation		\$500.00	
Expended:			
Bills Paid	\$459.33		
Balance to Excess and Deficiency	40.67		
		\$500.00	\$500.00

Drawing Department

Appropriation		\$800.00	
Expended:			
Bills Paid	\$730.11		
Balance to Excess and Deficiency	69.89		
		\$800.00	\$800.00

Athletic Director

Appropriation		\$1,000.00	
Expended:			
Transfer Order No. 12035	\$500.00		
Transfer Order No. 13001	400.00		
Balance to Excess and Deficiency	100.00		
		\$1,000.00	\$1,000.00

LIBRARIES**Salaries and Wages**

Appropriation		\$6,541.80	
Expended:			
Pay Rolls	\$6,348.60		
Balance to Excess and Deficiency	193.20		
		\$6,541.80	\$6,541.80

Books and Magazines

Appropriation		\$2,900.00
Transfer Order No. 13081		11.56
Expended:		
Books	\$2,589.92	
Magazines	309.64	
Miscellaneous	12.00	
	\$2,911.56	\$2,911.56

Binding

Appropriation		\$600.00
Expended:		
Bills Paid	\$599.75	
Balance to Excess and Deficiency	.25	
	\$600.00	\$600.00

Fuel and Light

Appropriation		\$924.00
Transfer Order No. 13081		12.27
Expended:		
Electric Light	\$303.83	
Coal	619.94	
Teaming	12.50	
	\$936.27	\$936.27

Building, Janitors' Supplies, etc.

Appropriation		\$400.00
Expended:		
Repairs	\$201.91	
Rent	100.00	
Water Rates	18.00	
Supplies	26.93	
Miscellaneous	28.93	
Transfer Order No. 13081	30.99	
Overdraft to 1921		6.76
	\$406.76	\$406.76

CITY OF MELROSE

Other Expenses

Appropriation	\$450.00
Transfer Order No. 13081	7.16

Expended:

Printing, Stationery, Supplies, etc.....	175.79	
Postage	13.24	
Telephone	42.04	
Labor	68.00	
Express, Freight, etc.....	25.95	
Miscellaneous	132.14	
	\$457.16	\$457.16

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RECREATION

Pine Banks Park

Appropriation	\$2,000.00
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Expended:

Paid Treasurer Pine Banks Park Trustees..	\$2,000.00	
	\$2,000.00	\$2,000.00

PARK DEPARTMENT

(For details see report of Park Commission)

General Administration

Salaries and Wages

Appropriation	\$100.00
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Expended:

Salary of Clerk	\$100.00	
	\$100.00	\$100.00

Other Expenses

Balance from 1919	\$84.10
Appropriation	150.00

Expended:

Bills Paid	\$164.99	
Balance to Excess and Deficiency.....	69.11	
	\$234.10	\$234.10

REPORT OF CITY AUDITOR

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Parks and Gardens—Salaries and Wages

Appropriation		\$1,200.00	
Expended:			
Pay Rolls	\$1,199.90		
Balance to Excess and Deficiency	.10		
	\$1,200.00	\$1,200.00	

Improvements and Additions

Appropriation		\$250.00	
Transfer Order No. 11984		513.47	
Expended:			
Transfer Order No. 12099	\$763.47		
	\$763.47	\$763.47	

Other Expenses

Appropriation		\$250.00	
Expended:			
Bills Paid	\$249.89		
Balance to Excess and Deficiency	.11		
	\$250.00	\$250.00	

Ell Pond Lighting

Appropriation		\$360.00	
Expended:			
Bills Paid	\$270.00		
Transfer Order No. 12023	90.00		
	\$360.00	\$360.00	

Development Ice House Property

Balance from 1919		\$10.00	
Transferred to Excess and Deficiency	\$10.00		
	\$10.00	\$10.00	

CITY OF MELROSE

Removing Snow

Appropriation		\$300.00
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Expended:

Pay Rolls	\$43.30	
Transfer Order No. 13064	100.00	
Balance to Excess and Deficiency	156.70	
	\$300.00	\$300.00

Snow Removing Equipment

Transfer Order No. 13064	\$100.00
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Expended:

Bills Paid	\$57.15	
Balance to Excess and Deficiency	42.85	
	\$100.00	\$100.00

Playgrounds—Salaries and Wages

Appropriation	\$500.00
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Expended:

Pay Rolls	\$72.00	
Transfer Order No. 11984	428.00	
	\$500.00	\$500.00

Improvements and Additions

Appropriation	\$100.00
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Expended:

Bills Paid	\$20.43	
Transfer Order, No. 11,984	79.57	
	\$100.00	\$100.00

Other Expenses

Appropriation	\$400.00
Transfer Order, No. 11,984	271.57
Transfer Order, No. 12,079	583.47

Expended:

Bills Paid	\$805.68	
Transfer Order, No. 13,034.....	20.00	
Balance to 1921	434.36	
	\$1,260.04	\$1,260.04

MESSENGERS MEADOWS—Salaries and Wages

Appropriation	\$500.00
Transfer Order, No. 11,984.....	100.00
Transfer Order, No. 12,023.....	250.00

Expended:

Pay Rolls	\$848.22	
Balance to Excess and Deficiency.....	1.78	
	\$850.00	\$850.00

Other Expenses

Appropriation	\$1,500.00
Transfer Order, No. 12,099.....	175.00
Transfer Order, No. 13,034.....	20.00

Expended:

Bills Paid	\$1,594.65	
Transfer Order, No. 11,984.....	100.00	
Balance to Excess and Deficiency	.35	
	\$1,695.00	\$1,695.00

BATHHOUSES—Salaries and Wages

Appropriation	\$750.00
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Expended:

Pay Rolls	\$717.40	
Transfer Order, No. 11,984.....	32.60	
	\$750.00	\$750.00

CITY OF MELROSE

Improvements and Additions

Appropriation		\$150.00
Expended:		
Transfer Order, No. 11,984.....	\$150.00	
	\$150.00	\$150.00

Other Expenses

Appropriation		\$100.00
Expended:		
Bills Paid	\$5.13	
Transfer Order, No. 11,984.....	94.87	
	\$100.00	\$100.00

Procuring of Tents

Transfer Order, No. 11,965.....		\$300.00
Expended:		
Bills Paid	\$140.00	
Transfer Order, No. 12,023.....	160.00	
	\$300.00	\$300.00

CELEBRATIONS—Fourth of July, 1919

Balance from 1919		\$144.66
Cash, Advertisement in Program, 1919....		13.00
Transfer Order, No. 11,590.....		350.00
Expended:		
Bills paid for Fireworks, 1919.....	\$330.90	
Balance to Excess and Deficiency.....	176.76	
	\$507.66	\$507.66

FOURTH OF JULY, 1920

Children's Entertainment

Appropriation	\$100.00
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Expended:

Bills Paid, Use of Theatre	\$60.00	
Flags	40.00	
	\$100.00	\$100.00

Fourth of July Celebration

Appropriation	\$400.00
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Expended:

Flags	\$23.00	
Music	250.00	
Prizes	50.00	
Transportation	19.00	
Printing	10.00	
Umpires at Ball Games	10.00	
Miscellaneous	18.03	
Balance to Excess and Deficiency	19.97	
	\$400.00	\$400.00

All Others, Ringing Bells

Appropriation	\$50.00
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Expended:

Bills Paid	\$40.00	
Balance to Excess and Deficiency	10.00	
	\$50.00	\$50.00

PENSIONS—Fire Department

Appropriation	\$200.00
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Expended:

Pay Rolls	\$200.00	
	\$200.00	\$200.00

PUBLIC WORKS DEPARTMENT—Highway and Water Division

Appropriation		\$3,000.00	
Expended:			
Pay Rolls	\$1,727.98		
Balance to Excess and Deficiency	1,272.02		
		\$3,000.00	\$3,000.00

SEALER OF WEIGHTS AND MEASURES

Appropriation		\$416.00	
Expended:			
Pay Rolls	\$416.00		
		\$416.00	\$416.00

CEMETERY DEPARTMENT

Appropriation		\$280.00	
Transfer Order, No. 11,727		84.17	
Expended:			
Pay Rolls	\$272.13		
Balance to Excess and Deficiency	92.04		
		\$364.17	\$364.17

UNCLASSIFIED—Claims

Balance from 1919		\$146.92	
Order No. 11,749		150.00	
Order No. 11,653		175.00	
Order No. 11,870		400.00	
Order No. 11,922		642.00	
Expended:			
Flora B. Sennott	\$150.00		
Sally B. Orne	175.00		
Mrs. Delbert M. Jones	400.00		
William B. Wadland	641.38		
Balance to 1921	447.54		
		\$1,813.92	\$1,813.92

Veteran Firemen's Association

Appropriation		\$50.00
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Expended:

Bills Paid, Flowers	\$50.00	
	\$50.00	\$50.00

Memorial Day, G. A. R.

Appropriation		\$450.00
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Expended:

Printing	\$10.50	
Flowers	120.00	
Flags	25.00	
Music and Entertainment	221.60	
Re'reshments	25.25	
Balance to Excess and Deficiency.....	47.65	
	\$450.00	\$450.00

Memorial Day, American Legion Post, No. 90

Appropriation		\$200.00
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Expended:

Bill paid, service of Band....	\$180.00	
Balance to Excess and Deficiency.....	20.00	
	\$200.00	\$200.00

Printing City Report

Appropriation		\$700.00
Transfer Order		378.23

Expended:

Printing	\$1,068.23	
Distributing	4.44	
Balance to Excess and Deficiency.....	5.56	
	\$1,078.23	\$1,078.23

Ice for Drinking Fountains

Appropriation		\$100.00
Expended:		
For Ice	\$33.60	
Balance to Excess and Deficiency	66.40	
	\$100.00	\$100.00

Insurance

Appropriation		\$2,000.00
Refund of Premiums		8.03
Expended:		
Bills Paid, Premiums	\$1,547.87	
Transfer Order, No. 13,044.....	400.00	
Balance to Excess and Deficiency	60.16	
	\$2,008.03	\$2,008.03

Portraits

Balance from 1919		\$185.00
Expended:		
Transfer Order, No. 11,645.....		75.00
Bills Paid	\$50.00	
Balance to 1921	210.00	
	\$260.00	\$260.00

Soldiers' Compensation, Equalization of Pay

Balance from 1919		\$1,133.88
Transferred to Excess and Deficiency.....	\$1,133.88	
	\$1,133.88	\$1,133.88

County Aid to Agriculture

Appropriation		\$100.00
Expended:		
Paid to Middlesex County, Bureau of Agriculture	\$100.00	
	\$100.00	\$100.00

Free Organ Concerts and General Musical and Educational Purposes

Transfer Order, No. 11,747.....		\$1,000.00	
Expended:			
Bills Paid	\$1,000.00		
	\$1,000.00		\$1,000.00

American Legion Headquarters

Appropriation		\$425.00	
Expended:			
For Rent	\$389.57		
Balance to Excess and Deficiency.....	35.43		
	\$425.00		\$425.00

Rentals Tremont Street Property

From sundry individuals		\$32.00	
Balance to 1921	\$32.00		
	\$32.00		\$32.00

Bronze Tablet in G. A. R. Hall**Soldiers and Sailors who served in the Spanish War**

Transfer Order, No. 11,745.....		\$500.00	
Balance to 1921	\$500.00		
	\$500.00		\$500.00

Water Division, Maintenance

(For details see report of Engineer and Superintendent Public Works)

Balance from 1919		\$2,595.18	
Appropriation		20,000.00	
Received from sundry sources.....		103.78	
Expended:			
Pay Rolls and bills paid.....	\$16,624.21		
Balance to Water Income.....	6,074.75		
	\$22,698.96		\$22,698.96

CITY OF MELROSE

Inside Services

Cash deposits, estimates		\$3,013.00
Cash from sundry sources.....		1,420.90
Expend:		
Overdraft of 1919.....	\$42.72	
Refunds of estimates	598.85	
Pay rolls and Transfer bills.....	3,577.62	
Balance to 1921.....	214.71	
	\$4,433.90	\$4,433.90

Public Scales

Cash received, fees		\$14.60
Transferred to Excess and Deficiency.....	\$14.60	
	\$14.60	\$14.60

Cemetery Department

(For details see report of Cemetery Committee)

Appropriation		\$11,800.00
Transfer Order, No. 12,079.....		1,000.00
Transfer Order, No. 13,074.....		167.84
Expend:		
Pay Rolls and bills paid.....	\$12,961.90	
Balance to Excess and Deficiency.....	5.94	
	\$12,967.84	\$12,967.84

Care of Soldiers' Graves

Appropriation		\$200.00
Expend:		
Pay Rolls	\$200.00	
	\$200.00	\$200.00

Cleaning Soldiers' Monument

Balance from 1919.....		\$25.00	
Expended:			
Bill Paid	\$25.00		
	\$25.00		\$25.00

Interest

Balance from 1919.....		\$15,484.93	
Appropriation		21,600.00	
Received on Bank Deposits.....		2,129.24	
Received on Taxes and Assessments.....		14,828.39	
Accrued on Bonds Sold.....		361.90	
Expended:			
On Revenue Loans	\$18,294.38		
On Municipal Loans	7,951.43		
Schoolhouse Loan (Coupons)	2,730.00		
Sewer Loan (Coupons)	14,042.50		
Surface Drainage (Coupons)	8,014.80		
Auditorium (Coupons)	960.00		
Park (Coupons)	370.00		
Balance to 1921	2,041.35		
	\$54,404.46		\$54,404.46

AGENCY, TRUST AND INVESTMENT TRANSACTIONS

Agency

Guarantee Deposits:			
Balance from 1919		\$2,100.00	
Certified Checks		150.00	
Expended:			
Checks Returned	\$2,250.00		
	\$2,250.00		\$2,250.00

CITY OF MELROSE

Taxes

State	\$57,174.00
County	23,923.37
Metropolitan Sewer	19,111.76
Metropolitan Park	12,381.78
Charles River Basin	2,177.13
State Highway	461.53
Fire Prevention	269.13
Eastern Massachusetts Street Railway....	593.47
War Bonus	13,755.00

Expended:

Paid County Treasurer	\$23,923.37	
Paid State Treasurer	103,758.80	
Balance to 1921	165.00	
	\$129,847.17	\$129,847.17

Trusts

Sarah E. Fitch School Fund:

Balance from 1919		\$57.80
Interest for 1920		30.00
Balance to 1921	\$87.80	
	\$87.80	\$87.80

Levi S. Gould School Medal Fund:

Balance from 1919		\$1,060.00
Interest for 1920		62.50
Balance to 1921	\$1,122.50	
	\$1,122.50	\$1,122.50

N. F. Hesselstine Fund for Promotion of Interest in Wild Animals:

Balance from 1919		\$12.56
Interest for 1920		4.25
Balance to 1921	\$16.81	
	\$16.81	\$16.81

NON-REVENUE**Loans Authorized**

Order No. 11409	Continuous Sidewalks....	\$10,000.00
11803	Main Street Pavement...	5,000.00
11865	Surface Drainage Construction	10,000.00
11269-B	Sears Ave. Construction..	11,000.00
11748	Purchase Benson Land on Tremont St.	7,500.00
11787-B	Orient Pl. Construction..	1,500.00
11502	E. Foster St. Macadam..	8,600.00
11811-B	Waverly Pl. Construction.	11,000.00
		\$64,600.00
Loans Issued, 1920		\$37,175.00
		\$27,425.00

POLICE DEPARTMENT**Purchase of Combination Ambulance and Patrol Automobile**

Balance from 1919		\$3,500.00
Expended:		
Purchase of Ambulance and Patrol.....	\$3,255.00	
Transfer Order, No. 12098.....	200.00	
Balance	45.00	
		\$3,500.00
		\$3,500.00

SEWER DIVISION—Private Sewers

(For details see report of Engr. and Supt. Public Works)

Balance from 1919		\$159.30
Cash (estimates, etc.)		4,820.06
Expended:		
Pay Rolls and Transfer Bills	\$3,218.87	
Refunded from Estimates	1,425.25	
Balance to 1921	335.24	
		\$4,979.36
		\$4,979.36

Sewer Division—Construction

(For details see report of Engr. and Supt. Public Works)

Balance from 1919	\$6,051.44
Cash	230.52

Expended:

Pay Rolls, Bills, and Transfers	\$5,683.53	
Balance to 1921	598.43	
	\$6,281.96	\$6,281.96

Surface Drainage Construction

Balance from 1919	\$4,213.79
Loan Order, No. 11865.....	10,000.00
Cash	418.14

Expended:

Pay Rolls, Bills and Transfer Bills	\$14,278.90	
Balance to 1921	353.03	
	\$14,631.93	\$14,631.93

Highways

(For details see report of Engr. and Supt. Public Works)

Continuous Walks	\$7,103.23
Loan Order, No. 11409	10,000.00
Assessments Collected	9,900.82
Cash	30.87

Expended:

Pay Rolls, Bills and Transfer Bills.....	\$11,865.83	
Transfer Order, No. 11307A.....	1,700.00	
Balance to 1921	13,469.09	
	\$27,034.92	\$27,034.92

Crosswalks and Gutters

Balance from 1919		\$6,248.72	
Expended:			
Pay Rolls, Bills and Transfer Bills	\$3,301.92		
Balance to 1921	2,946.80		
	\$6,248.72		\$6,248.72

Rounding Corner Main and Essex Streets

Balance from 1919		\$450.00	
Expended:			
Pay Rolls, Bills and Transfer Bills	\$428.08		
Balance to 1921	21.92		
	\$450.00		\$450.00

Main Street Pavement

Balance from 1919		\$50,000.00	
Loan Order, No. 11803.....		5,000.00	
Expended:			
Bills Paid	\$53,174.68		
Balance to 1921	1,825.32		
	\$55,000.00		\$55,000.00

Church St., Mountain Ave., and Hancock St. Construction

Balance from 1919	\$113.20
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Spear Street Construction

Balance from 1919	2.03
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Lynde Avenue Construction

Balance from 1919	\$124.50	
Expended:		
Paid Claim Wadland	\$62.72	
Balance to 1921	61.78	
	\$124.50	\$124.50

CITY OF MELROSE

Marvin Road Construction

Balance from 1919	\$61.46
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Expended:

Bills Paid	\$61.46	
	\$61.46	\$61.46

Warwick Road Construction

Balance from 1919	\$272.75
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Argyle Street Extension

Balance from 1919	47.64
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Malvern Street Macadam

Balance from 1919	339.70
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Pleasant Street Macadam

Balance from 1919	63.70
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Pleasant Street Improvement

Balance from 1919	958.68
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Hopkins Street Construction

Balance from 1919	83.20
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Purchase of Land, Grove St., and Swains Pond Ave.

Balance from 1919	.34
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Myrtle Street Macadam

Balance from 1919	16.45
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Folsom Avenue Construction

Balance from 1919	134.23
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Linwood Avenue Macadam

Balance from 1919	6,500.00
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Expended:

Pay Rolls, Bills and Transfer Bills.....	\$6,492.11	
Balance to 1921	7.89	
	\$6,500.00	\$6,500.00

Geneva Road Construction

Balance from 1919	67.86
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Expended:

Pay Rolls and Transfer Bills	\$14.00	
Balance to 1921	53.86	
	\$67.86	\$67.86

East Foster Street Macadam

Loan Order, No. 11502		\$8,600.00
Balance to 1921	\$8,600.00	
	\$8,600.00	\$8,600.00

Garden Street Construction

Balance from 1919.....	\$490.43
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Expended:

Pay Rolls, Bills and Transfer Bills.....	\$148.07	
Balance to 1921	347.36	
	\$490.43	\$490.43

Sanford Street Construction

Balance from 1919	\$1,200.00
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Expended:

Pay Rolls, Bills and Transfer Bills.....	\$961.83	
Balance to 1921	238.17	
	\$1,200.00	\$1,200.00

Rounding Corner Main and Porter Streets

Balance from 1919		\$325.00	
Expended:			
Pay Rolls	\$4.68		
Balance to 1921	320.32		
	\$325.00		\$325.00

Sears Avenue Construction

Loan Order, No. 11269B		\$11,000.00	
Expended:			
Pay Rolls, Bills and Transfer Bills.....	\$9,476.64		
Balance to 1921.....	1,523.36		
	\$11,000.00		\$11,000.00

Purchase Benson Lot, Tremont Street

Loan Order, No. 11748.....		\$7,500.00	
Expended:			
Paid Benson Estate.....	\$7,500.00		
	\$7,500.00		\$7,500.00

Orient Place Construction

Loan Order, No. 11787B.....		\$1,500.00	
Balance to 1921	\$1,500.00		
	\$1,500.00		\$1,500.00

Waverly Place Construction

Loan Order, No. 11811B.....		\$11,000.00	
Balance to 1921	\$11,000.00		
	\$11,000.00		\$11,000.00

School Department

Laying out and Constructing Walks at High

School Lot:

Balance from 1919.....	\$75.39
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Erection of Portable Schoolhouse on Wash-

ington School Lot:

Balance from 1919.....	\$12.19
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Park Department

Layout and Improve Lincoln Playgrounds:

Balance from 1919.....	.98
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Water Division Construction

Balance from 1919.....	\$10,788.89
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Expended:

Pay Rolls, Bills and Transfer Bills.....	\$4,993.49	
Order No. 11345	1,500.00	
Balance to 1921	4,295.40	
	\$10,788.89	\$10,788.89

Tailing Account

Balance from 1919		\$236.62
Additional, 1920		305.18
Balance to 1921	\$541.80	
	\$541.80	\$541.80

Reserve Fund (15%)

Balance from 1919	\$473.94
Transferred from Sundry Accounts.....	145.40

Expended:

Bills Paid	\$473.94	
Balance to 1921	145.40	
	\$619.34	\$619.34

PREMIUM FUNDS

Water Loan

Balance from 1919	\$31.65
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Sewer Loan

Balance from 1919	\$7.50
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Surface Drainage Loan

Balance from 1919	\$7.50
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Municipal Loan

Balance from 1919	\$67.27
Premium on Main Street Notes.....	289.50
Premium on Sidewalk Notes.....	57.90
Balance to 1921	\$414.67
	\$414.67

Sinking Funds

Received from Sinking Fund Commissioners	\$5,000.00
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Expended:

Surface Drainage Bonds Paid.....	\$5,000.00
	\$5,000.00

Sewer Loan Sinking Fund

Receipts:

Balance from 1919	\$252,106.51
Assessments Collected	3,784.56
Interest on Investments	11,108.56
Gain on Bonds bought.....	1,051.82

Payments:

Accrued Interest on Bonds bought.....	\$247.16
Rent of Safe Deposit Box.....	12.00
Balance to 1921	\$67,792.29
	\$268,051.45

Surface Drainage Loan Sinking Fund

Receipts:

Balance from 1919	\$57,447.82
Appropriation	2,705.44
Interest on Investments	2,572.20
Gain on Bonds bought	479.92

Payments:

Accrued Interest on Bonds Bought.....	\$47.53	
Rent of Safe Deposit Box.....	3.00	
Bonds Matured	5,000.00	
Balance to 1921	58,154.85	
	\$63,205.38	\$63,205.38

School House Loan Sinking Fund

Receipts:

Balance from 1919	\$27,962.93
Appropriation	2,952.56
Interest on Investments	1,214.07
Gain on Bonds Bought.....	515.88

Payments:

Accrued Interest on Bonds Bought.....	\$113.71	
Rent of Safe Deposit Box.....	2.00	
Balance to 1921	32,529.73	
	\$32,645.44	\$32,645.44

Water Loan Sinking Fund

Receipts:

Balance from 1919	\$45,886.14
Interest on Investments.....	2,054.67
Gain on Bonds Bought	333.78

Payments:

Accrued Interest on Bonds Bought.....	\$179.28	
Rent of Safe Deposit Box.....	3.00	
Balance to 1921	48,092.31	
	\$48,274.59	\$48,274.59

Trust Funds

Cemetery (Perpetual Care):

Balance from 1919		\$58,816.75
Received for Care of Lots	\$7,133.50	
Received for Care of Single Graves.....	885.00	8,018.50
Balance to 1921		\$66,835.25

SCHEDULE OF CITY PROPERTY

Fire Department:

Central Fire Station	\$20,000.00	
Hose No. 3, Building and Land.....	4,275.00	
Hose No. 4, Building and Land.....	2,350.00	
Personal Property	40,695.00	
Fire Alarm System	15,685.71	
		\$83,005.71

Health Department:

Personal Property	\$100.00
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Police Department:

Personal Property	\$7,715.25	
Police Signal System	5,198.80	
		\$12,914.05

Public Library:

Building and Land	\$40,600.00	
Personal Property	36,900.00	
		\$77,500.00

Park Department:

Land and Buildings	\$79,975.00	
Personal Property	1,045.00	
		\$81,020.00

School Department:

Buildings and Land.....	\$430,100.00	
Heating Plant	20,355.00	
Personal Property	45,128.00	
		\$495,583.00

Cemetery Department:

Buildings and Land	\$36,100.00	
Personal Property	298.75	
Water System	900.00	
		\$37,298.75

Sealer of Weights and Measures:

Personal Property		\$613.45
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Moth Department:

Personal Property		\$1,034.75
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Public Works Department:

City Hall, Building and Land	\$142,400.00	
Personal Property	10,000.00	
		\$152,400.00

Auditorium, Building and Land:

Personal Property		\$180,000.00
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Highway Division:

Land	\$12,000.00	
Crusher Plant	4,800.00	
Personal Property	12,000.00	
		\$28,800.00

Sewerage System:

Cost of Construction to Dec. 31, 1919....	\$506,549.96	
Additional, 1920	5,453.01	
		\$513,002.97

Surface Drainage System:

Cost of Construction to Dec. 31, 1919....	\$232,082.44	
Additional, 1920	14,201.42	
		\$246,283.86

Water System:

Cost of Construction to Dec. 31, 1919.....	\$509,470.88	
Additional, 1920	4,993.49	
		\$514,464.37
		\$2,423,020.91

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